

INTERGRATED AV AMPLIFIER

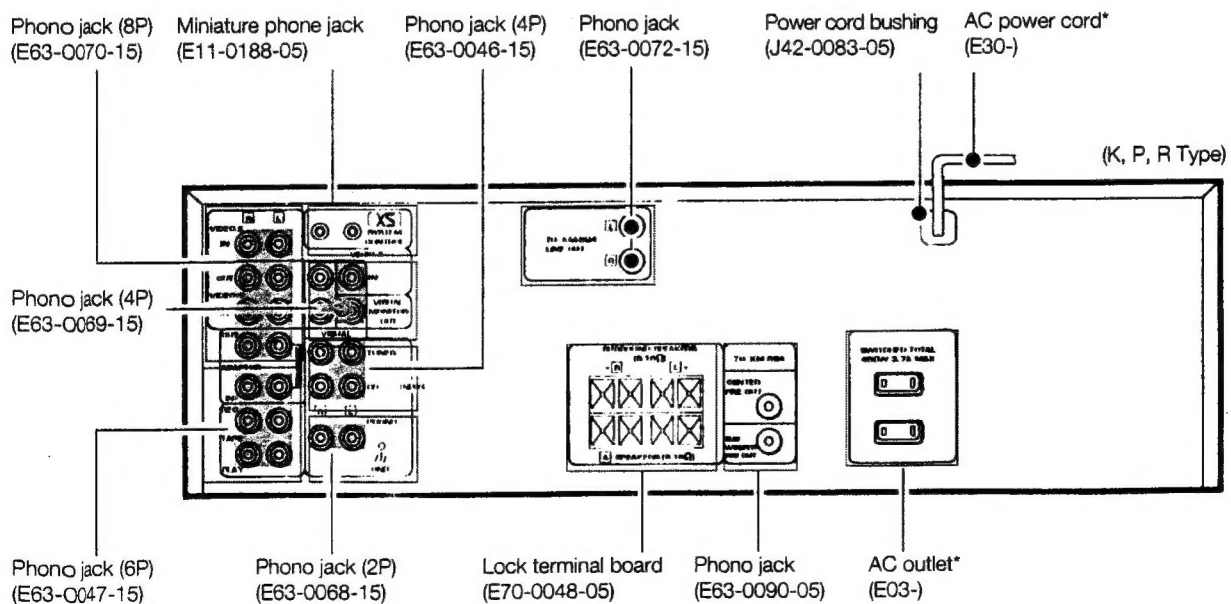
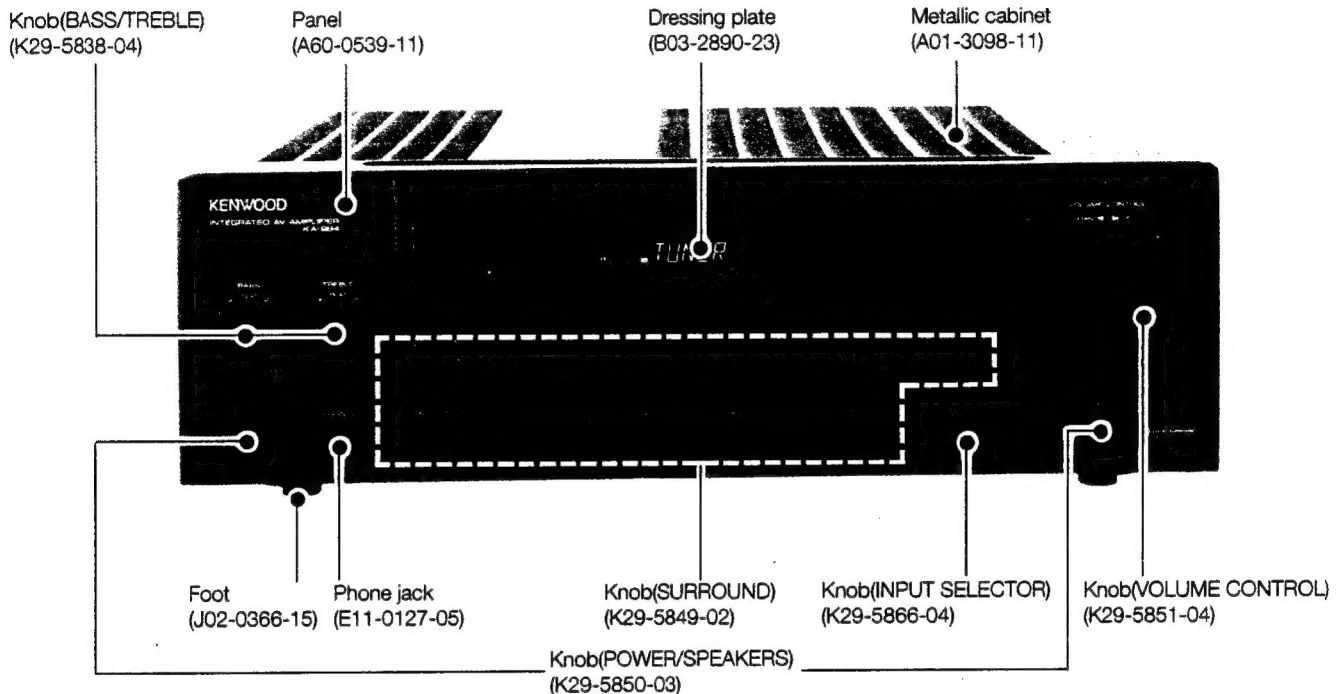
KA-894/994/V3700

SERVICE MANUAL

KENWOOD

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B51-4846-00(K)3576

(KA-994)



*Refer to parts list on page 34.

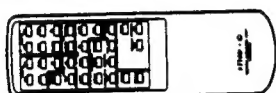
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ACCESSORIES

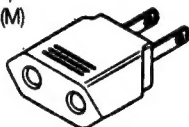
- Remote control unit1
(A70-0974-05) KA-894/V3700



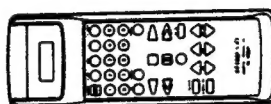
Battery cover (A09-0170-08)

RC-S0800

- AC plug adaptor1
(E03-0115-05)
KA-994, 894(M)



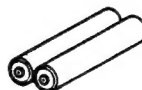
(A70-0961-05) KA-994



Battery cover (A09-0169-08)

RC-R0801

- Batteries(R6/AA)2
(-)



(KA-894 / V3700)

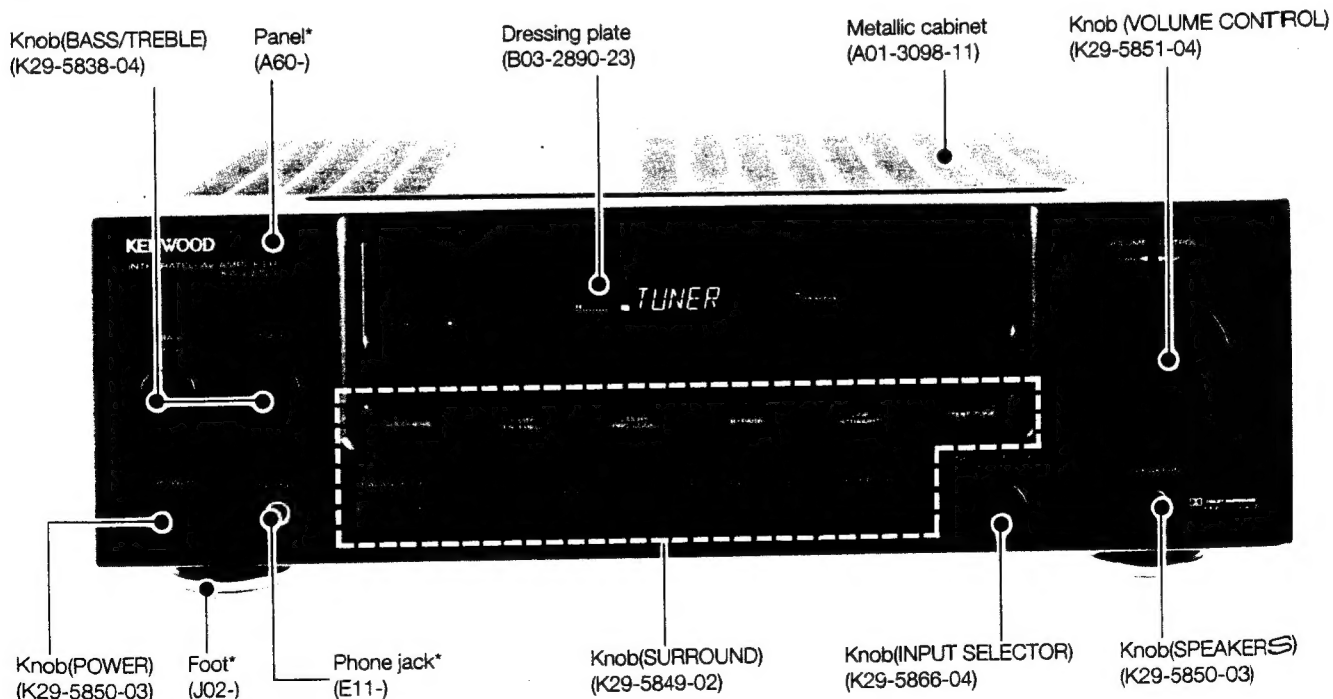
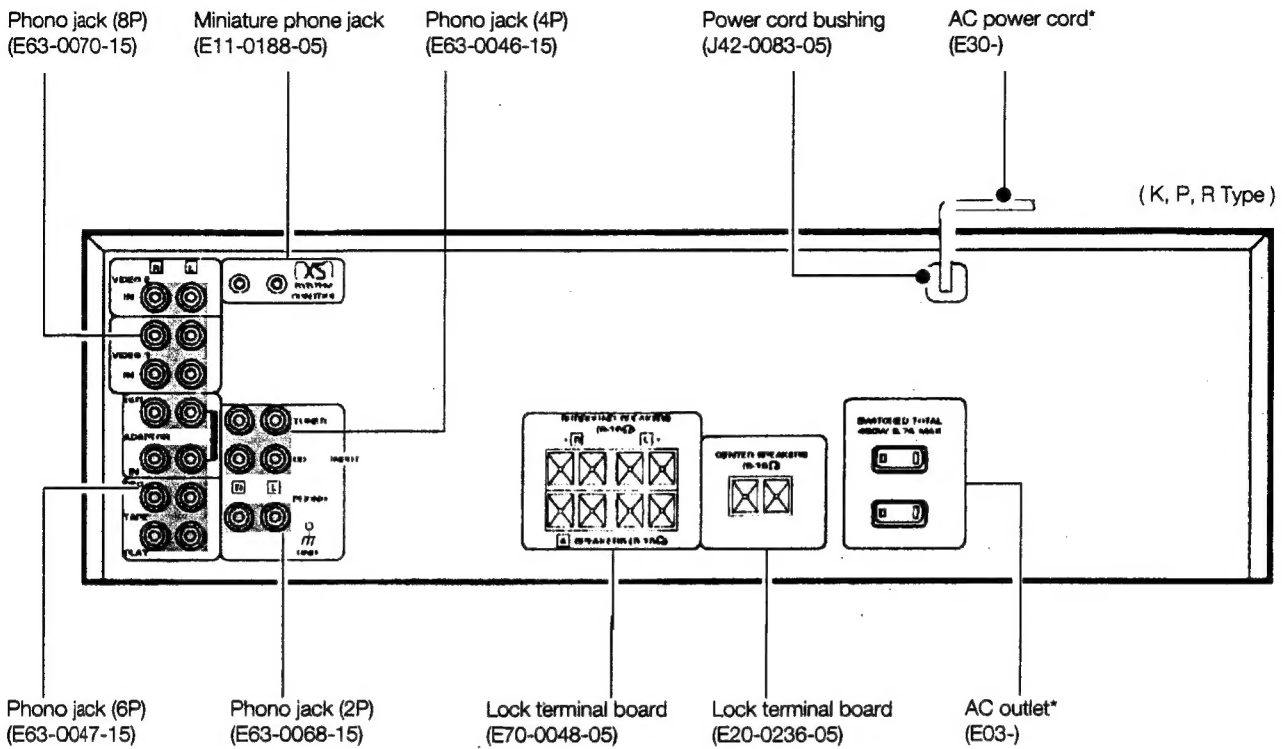


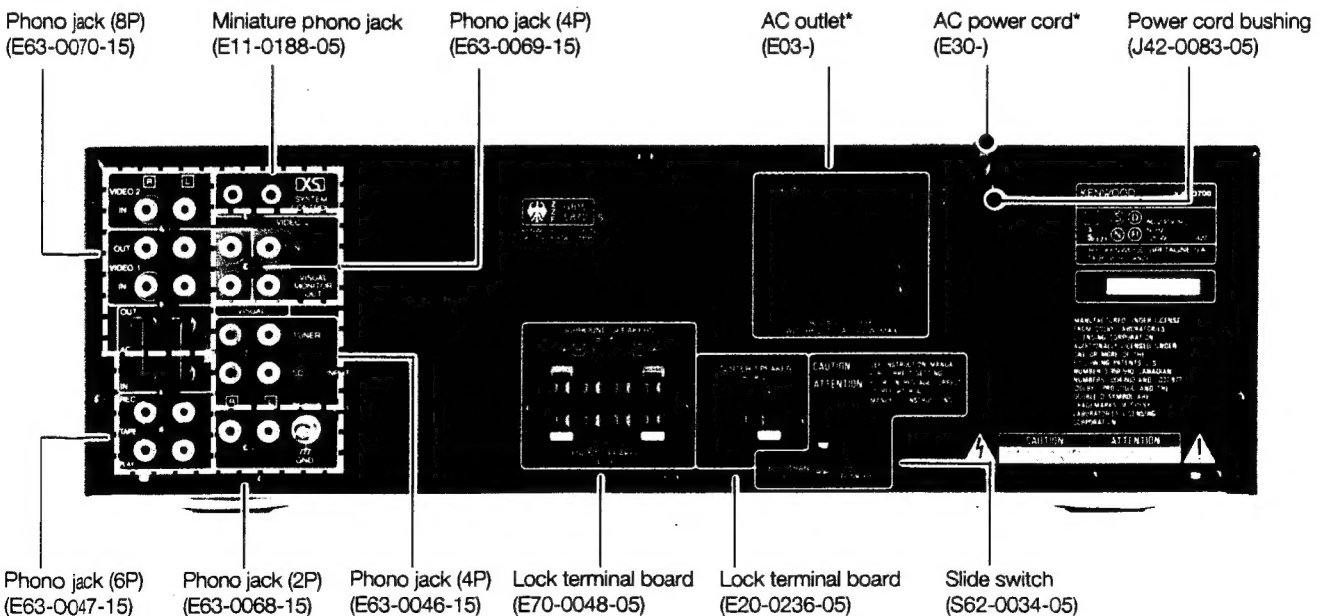
Photo is KA-V3700.

*Refer to parts list on page 34.

(KA-894)



(KA-V3700)



*Refer to parts list on page 34.

KA-894/994/V3700

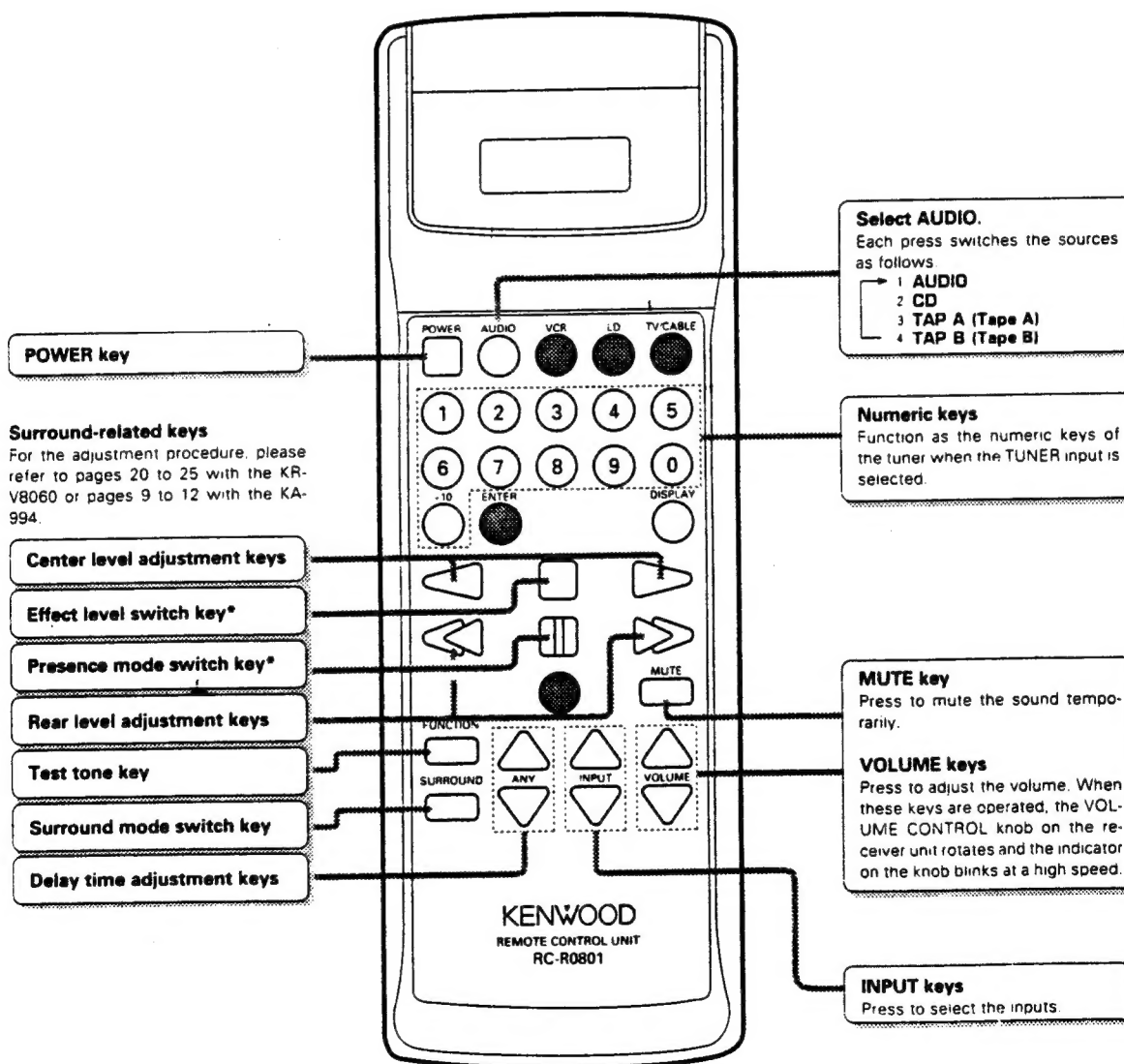
REMOTE CONTROL

REMOTE CONTROL ASSY : A70-0961-05 (KA-994)

Operating the KR-V8060 or KA-994

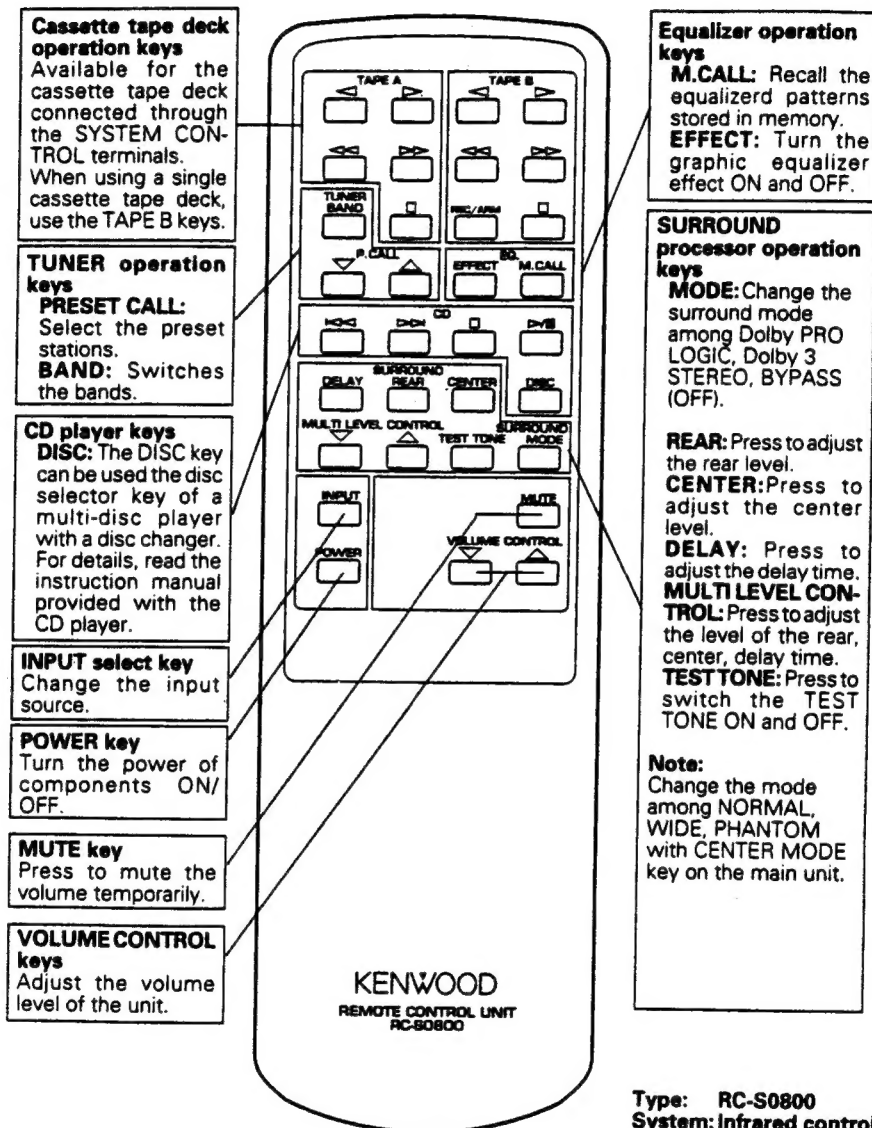
1. Press the **AUDIO** key to display "AUDIO".
2. Press the **POWER** key to turn the power of the main unit (KR-V8060 or KA-994) ON.
3. Press operation keys.

* The keys covered with are not used in the operation of the receiver.



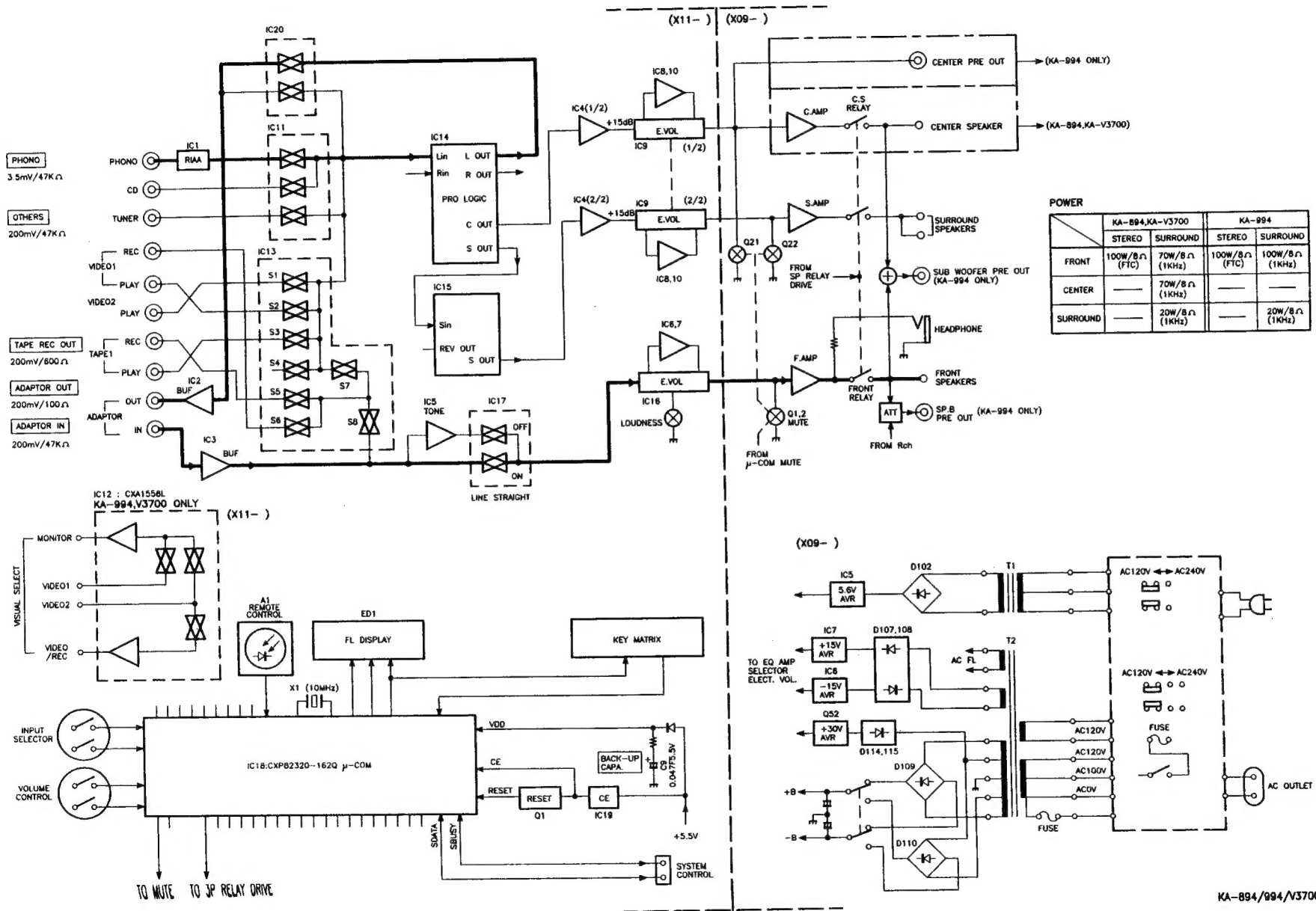
Model: RC-R0801
Infrared ray system

REMOTE CONTROL ASSY : A70-0974-05 (KA-894/V3700)



Type: RC-S0800
System: Infrared control

BLOCK DIAGRAM



CIRCUIT DESCRIPTION

TEST MODE

① To get in the TEST MODE

Plug the AC power cord in the wall outlet while pushing the SPEAKERS key.

All indications light up.

② To cancel the TEST MODE

Unplug the AC power cord from the wall outlet.

③ Operation during the TEST MODE

<1> The TEST MODE starts with all indications lit up and with POWER ON.

- ◇ The Light up state returns to the normal operation state when any key of the main unit is pushed.

<2> Keys that have different functions from their normal functions in the test mode

| | |
|----------------|--|
| BALANCE L | Three steps change from R to Center to L. |
| BALANCE R | Three steps change from L to Center to R. |
| DELAY TIME + | Three steps change from Minimum to Center to Maximum. |
| DELAY TIME - | Three steps change from Maximum to Center to Minimum. |
| CENTER LEVEL + | Three steps change from Minimum to Center to Maximum. |
| CENTER LEVEL - | Three steps change from Maximum to Center to Minimum. |
| REAR LEVEL + | Three steps change from Minimum to Center to Maximum. |
| REAR LEVEL - | Three steps change from Maximum to Center to Minimum. |
| 8Ω/4Ω Switch | Switch status is indicated by TAPE 2 display. 8Ω: TAPE 2 display goes off. 4Ω: TAPE 2 display lights up. At any time TAPE 2 display is indicated, however H/L switch of 70W/100W control port (pin no.9) is switched when... Power ON or OFF SPEAKER ON or OFF DOLBY Mode or BYPASS Switching with INPUT SELECTOR |

INITIAL SETTING

① Initial setting

Plug the AC power cord in the wall outlet while pushing the SPEAKERS key.

- ◇ All memorys are cleared.
- ◇ The backup operation is returned to the normal operation.

SERIAL TEST MODE

① To get in the SERIAL TEST MODE

Enter the TEST ON code (71).

② To cancel the SERIAL TEST MODE

Enter the TEST OFF code (70), unplug the AC power cord from the electrical outlet, or RESET the equipment.

- ◇ The operation returns from the test mode to the normal mode.

③ Operation during the SERIAL TEST MODE

- The following functions become ineffective during the test mode.
 - ◇ Keys of the main unit, keys of the remote controller, ordinary serial codes.

The same codes as the received ones are outputted.
- Output of the MUTE signal.
 - ◇ The MUTE function does not work during the SERIAL TEST MODE. The operation of the MUTE function is checked with a specific code.
- Codes received during the SERIAL TEST MODE are effective irrespective of the display mode.
- The key entry inhibit state with 16-second duration is not available when the ADAPTOR is turned ON/OFF.
- When the initial setting is carried out by means of the initial setting AMP (3F) and the initial setting GE (DF) code.
 - ◇ SPEAKERS A/B turn OFF in response to software operation.

CIRCUIT DESCRIPTION

8 bit SERIAL TEST CODE

| FUNCTION CODE | TYPE CODE | AMP | | | TUNER | | | SURROUND | | | | GE | | | | | |
|---------------|-----------|-----------------|-------------------|----------------|-----------------------|-------------|------------|----------|----------|---------------------|----------------------------|----------------------|----------------------------|--------------|----------------------|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
| 0 | | POWER OFF | CD DIRECT OFF | SP B OFF | | POWER OFF | 0 | MEMORY | TEST OFF | POWER OFF | REAR MUTE ON | ASFC MAX | ACOUSTIC BGM | POWER OFF | | | |
| 1 | | POWER ON | CD DIRECT ON | SP B ON | | POWER ON | 1 | MAIN | TEST ON | POWER ON | MUTE ALL OFF | SEAT POS MIN | CINEMA SCREEN OFF | POWER ON | | | |
| 2 | | PHONO | CD REC OFF | HIT MASTER OFF | | MUTE OFF | 2 | SUB | | BYPASS | CENTER LEVEL MIN | SEAT POS MID | CINEMA SCREEN 1 | MUTE OFF | | | |
| 3 | | CD | CD REC ON | HIT MASTER ON | | MUTE ON | 3 | BOTH | | DOLBY SUR-ROUND | CENTER LEVEL MID | SEAT POS MAX | CINEMA SCREEN 2 | MUTE ON | | | |
| 4 | | TUNER | SOURCE DIRECT OFF | MOTOR VOL UP | | AUTO STEREO | 4 | | | DOLBY 3 STEREO | CENTER LEVEL MAX | WALL MIN | CINEMA SCREEN 3 | EQ OFF | | | |
| 5 | | TAPE 1 (TAPE A) | SOURCE DIRECT ON | MOTOR VOL DOWN | | MONO | 5 | | | DSP | REAR LEVEL MIN | WALL MID | CH MODE 2 | EQ ON | | | |
| 6 | | TAPE 2 (TAPE B) | LINE STRAIGHT OFF | MOTOR VOL STOP | | TUNED OFF | 6 | | | DSP LOGIC | REAR LEVEL MID | WALL MAX | CH MODE 3 | M1 (ALL MID) | | | |
| 7 | | AUX | LINE STRAIGHT ON | DBS/TV | | TUNED ON | 7 | | | S.4CH | REAR LEVEL MAX | ROOM SIZE MIN | CH MODE 4 | M2 (ALL MAX) | | | |
| 8 | | DAT | LOUDNESS OFF | VR 0dB | | A.R OFF | 8 | | | F.4CH | DILAY TIME MIN | ROOM SIZE MID | CH MODE 5 | M3 (ALL MIN) | | | |
| 9 | | VIDEO 1 (VIDEO) | LOUDNESS ON | -20dB | | A.R ON | 9 | | | CENTER MODE NORMAL | DILAY TIME MID | ROOM SIZE MAX | | | | | |
| A | | VIDEO 2 | SUB SONIC OFF | -30dB | | RF DIRECT | +10 | | | CENTER MODE WIDE | DILAY TIME MAX | STEREO (KARAOKE) | | | | | |
| B | | VIDEO 3 | SUB SONIC ON | -70dB | | RF DISTANCE | BAND FM | | | CENTER MODE PHANTOM | PRESENCE LEVE (EFFECT) MIN | MULTI (KARAOKE) | | | | | |
| C | | VDP | S WOOFER OFF | ∞ | | IF WIDE | BAND AM/MW | | | TEST TONE OFF | PRESENCE LEVE (EFFECT) MID | HIFI MULTI (KARAOKE) | | | | | |
| D | | MUTE ON | S WOOFER ON | BALANCE L | ALL LIGHT UP ON | IF NORMAL | BAND TV/LW | | | TEST TONE ON | PRESENCE LEVE (EFFECT) MAX | NORMAL (KARAOKE) | | | ALL LIGHT UP ON | | |
| E | | SELMUTE ON | SP OFF (SP A OFF) | BALANCE C | ALL LIGHT UP OFF | IF NARROW | DOWN | | | FRONT MUTE ON | ASFC MIN | ACOUSTIC NON DIRE 1 | | | ALL LIGHT UP OFF | | |
| F | | MUTE ALL OFF | SP ON (SP A ON) | BALANCE R | INITIAL SETTING (AMP) | DIRECT | UP | | | CENTER MUTE ON | ASFC MID | ACOUSTIC NON DIRE 2 | INITIAL SETTING (SURROUND) | | INITIAL SETTING (GE) | | |

CIRCUIT DESCRIPTION

KEY MATRIX

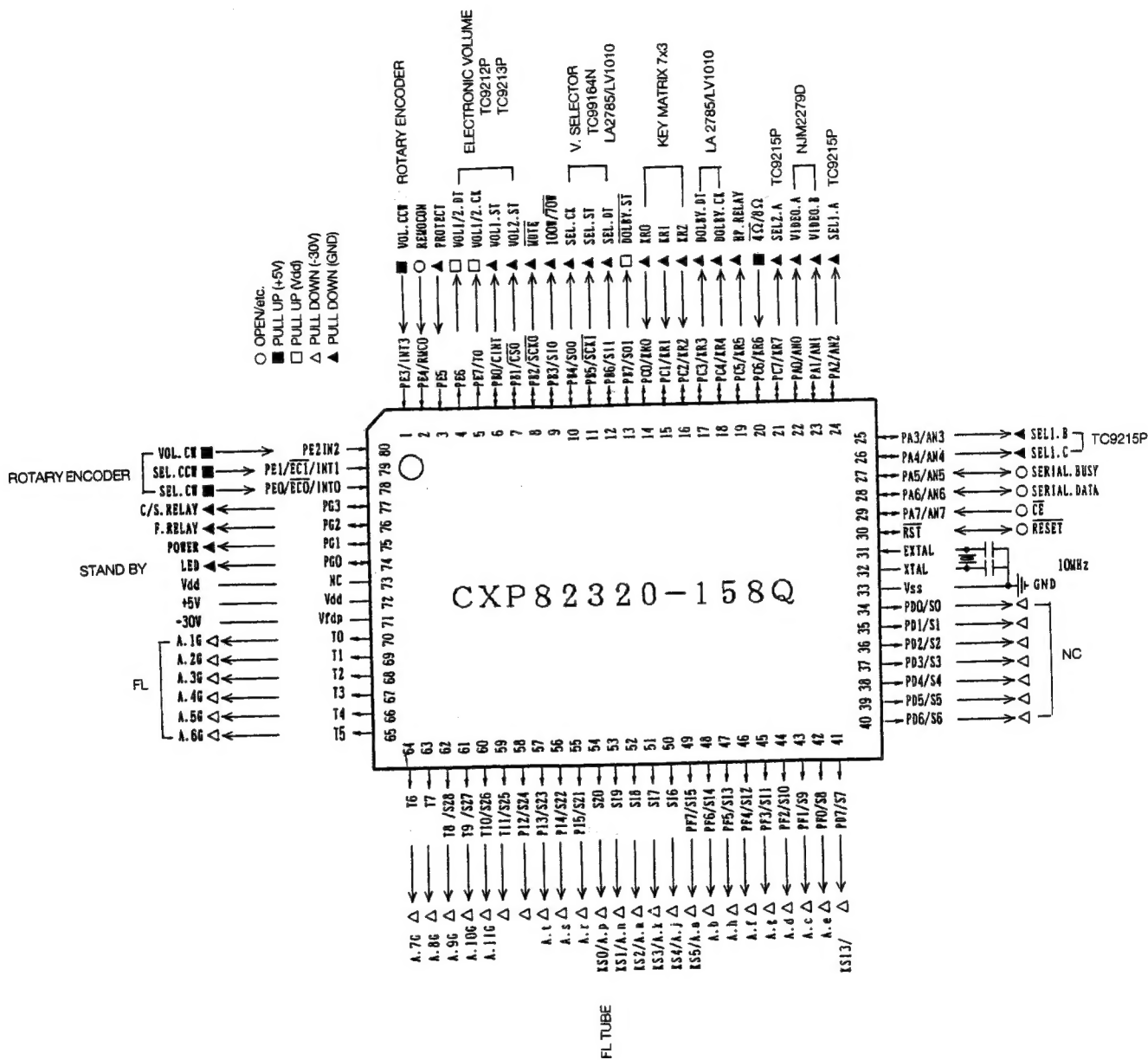
| | | | | KRO | KRI | KR2 | | |
|--|--|--|--|----------------------------------|-------------------|-------------------------------|--------------------|---------------|
| | | | | FL. A. p/KS00 | — | CENTER SPEAKER VOLUME DOWN | Dolby 3-Stereo | S20 54pin |
| | | | | FL. A. n/KS01 | CENTER MODE | CENTER SPEAKER VOLUME UP | Dolby Pro Logic | S19 53pin |
| | | | | FL. A. m/KS02 | BALANCE R | REAR SPEAKER VOLUME DOWN | BYPASS | S18 52pin |
| | | | | FL. A. k/KS03 | BALANCE L | REAR SPEAKER VOLUME UP | LOUDNESS | S17 51pin |
| | | | | FL. A. j/KS04 | TEST-TONE | DELAY TIME DOWN | LINE- STRAIGHT | S16 50pin |
| | | | | FL. A. a/KS05 | SPEAKER ON/OFF | DELAY TIME UP | POWER | PF7/S15 49PIN |
| | | | | FL. A. b/T. o/KS06 | | | | PF6/S14 48PIN |
| | | | | FL. A. h/T. n/KS07 | | | | PF5/S13 47PIN |
| | | | | FL. A. f/T. m/KS08 | | | | PF4/S12 46PIN |
| | | | | FL. A. g/T. l/KS09 | | | | PF3/S11 45PIN |
| | | | | FL. A. d/T. k/KS10 | | | | PF2/S10 44PIN |
| | | | | FL. A. c/T. j/KS11 | | | | PF1/S09 43PIN |
| | | | | FL. A. e/T. i/KS _{INI1} | | | | PF0/S08 42PIN |
| | | | | FL. T. h/KS _{INI2} | DSW3 | DSW4 | DSW5 | PD7/S07 41PIN |
| | | | | | PC0/KR0 14pin | PC1/KR1 15pin | PC2/KR2 16pin | |

| | DSW3 | DSW4 | DSW5 |
|----------|------|------|------|
| KA-894 | NO | NO | NO |
| KA-994 | NO | YES | YES |
| KA-V3700 | NO | YES | YES |

CIRCUIT DESCRIPTION

PIN LAYOUT

MICRO PROCESSOR CXP82320-158Q <BOTTOM VIEW>



CIRCUIT DESCRIPTION

Pin description

| Pin No. | Pin Name | I/O | Name | Description |
|---------|----------|-----|-------------------------|--|
| 1 | PE3/INT3 | I | VOL. CCW | Input of ROTARY ENCODER PHASE B signal for VOLUME |
| 2 | PE4/RMC | I | REMOCON | REMOTE CONTROLLER signal input |
| 3 | PE5 | I | PROTECT | PROTECTION control signal input |
| 4 | PE6 | O | VOL1/2. DT | Output of DATA signal for control of electronic VOLUME (TC9212P/TC9213P) |
| 5 | PE7/T0 | O | VOL1/2. CK | Output of CLOCK signal for control of electronic VOLUME (TC9212P/TC9213P) |
| 6 | PB0/CINT | O | VOL1. ST | Output of STROBE signal for control of electronic VOLUME (TC9212P/TC9213P) |
| 7 | PB1/CS0 | O | VOL2. ST | Output of STROBE signal for control of electronic VOLUME (TC9213P) |
| 8 | PB2/SCK0 | O | MUTE | MUTING circuit control signal output L:ON, H:OFF |
| 9 | PB3/SI0 | O | 100W/70W | 100W/70W RELAY control signal output L:70W, H:100W |
| 10 | PB4/SO0 | O | SEL. CK | Output CLOCK signal for control of SELECTOR (TC9164N) |
| 11 | PB5/SCK1 | O | SEL. ST | Output STROBE signal for control of SELECTOR (TC9164N) |
| 12 | PB6/SI1 | O | SEL. DT | Output DATA signal for control of SELECTOR (TC9164N) |
| 13 | PB7/SO1 | O | DOLBY. ST | Output of ENABLE signal for control of DOLBY IC (LA2785/LV1010) |
| 14 | PC0/KR0 | I | KR0 | KEY RETURN signal input |
| 15 | PC1/KR1 | I | KR1 | KEY RETURN signal input |
| 16 | PC2/KR2 | I | KR2 | KEY RETURN signal input |
| 17 | PC3/KR3 | O | DOLBY. DT | Output of DATA signal for control of DOLBY IC (LA2785/LV1010) |
| 18 | PC4/KR4 | O | DOLBY. CK | Output of CLOCK signal for control of DOLBY IC (LA2785/LV1010) |
| 19 | PC5/KR5 | O | HP. RELAY | HEADPHONE RELAY control signal output (LC7218) |
| 20 | PC6/KR6 | O | 4 Ω / 8 Ω | Speaker impedance switching (LC7218) |
| 21 | PC7/KR7 | O | SEL2. A | LINE STRAIGHT control signal output (TC9215P) |
| 22 | PA0/AN0 | O | VIDEO. A | VIDEO SELECTOR A control signal output (NJM2279D) |
| 23 | PA1/AN1 | O | VIDEO. B | VIDEO SELECTOR B control signal output (NJM2279D) |
| 24 | PA2/AN2 | O | SEL1. A | LINE STRAIGHT control signal output (TC9215P) |
| 25 | PA3/AN3 | O | SEL1. B | PHONO select signal output (TC9215P) |
| 26 | PA4/AN4 | O | SEL1. C | CD/TUNER select signal output (TC9215P) |
| 27 | PA5/AN5 | I/O | SERIAL. BUSY | System serial BUSY signal input/output |
| 28 | PA6/AN6 | I/O | SERIAL. DATA | System serial DATA signal input/output |
| 29 | PA7/AN7 | I | \overline{CE} | BACK UP detection |
| 30 | RST | I/O | RESET | RESET signal detection |
| 31 | EXTAL | I | | System Clock input (10MHz) |
| 32 | XTAL | | | System Clock (10MHz) |
| 33 | Vss | | | GND |
| 34 | PD0/S0 | O | T.a | Unused |
| 35 | PD1/S1 | O | T.b | Unused |
| 36 | PD2/S2 | O | T.c | Unused |
| 37 | PD3/S3 | O | T.d | Unused |
| 38 | PD4/S4 | O | T.e | Unused |
| 39 | PD5/S5 | O | T.f | Unused |
| 40 | PD6/S6 | O | T.g | Unused |

CIRCUIT DESCRIPTION

Pin description

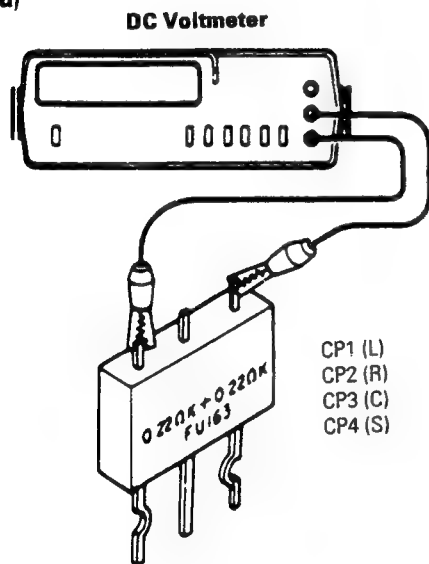
| Pin No. | Pin Name | I/O | Name | Description |
|---------|--------------|-----|------------|---|
| 41 | PD7/S7 | O | KS13 | KEY SCAN 13 signal output |
| 42 | PF0/S8 | O | A.e | FL tube segment e(pin no.35) driving signal output |
| 43 | PF1/S9 | O | A.c | FL tube segment c(pin no.34) driving signal output |
| 44 | PF2/S10 | O | A.d | FL tube segment d(pin no.33) driving signal output |
| 45 | PF3/S11 | O | A.g | FL tube segment g(pin no.32) driving signal output |
| 46 | PF4/S12 | O | A.f | FL tube segment f(pin no.31) driving signal output |
| 47 | PF5/S13 | O | A.h | FL tube segment h(pin no.30) driving signal output |
| 48 | PF6/S14 | O | A.b | FL tube segment b(pin no.29) driving signal output |
| 49 | PF7/S15 | O | KS5/A.a | KEY SCAN 5 signal output FL tube segment a(pin no.28) driving signal output |
| 50 | S16 | O | KS4/A.j | KEY SCAN 4 signal output FL tube segment j(pin no.27) driving signal output |
| 51 | S17 | O | KS3/A.k | KEY SCAN 3 signal output FL tube segment k(pin no.26) driving signal output |
| 52 | S18 | O | KS2/A.m | KEY SCAN 2 signal output FL tube segment m(pin no.25) driving signal output |
| 53 | S19 | O | KS1/A.n | KEY SCAN 1 signal output FL tube segment n(pin no.24) driving signal output |
| 54 | S20 | O | KS0/A.p | KEY SCAN 0 signal output FL tube segment p(pin no.23) driving signal output |
| 55 | T15/S21 | O | A.r | FL tube segment r(pin no.22) driving signal output |
| 56 | T14/S22 | O | A.s | FL tube segment s(pin no.21) driving signal output |
| 57 | T13/S23 | O | A.t | FL tube segment t(pin no.20) driving signal output |
| 58 | T12/S24 | O | | Unused |
| 59 | T11/S25 | O | | Unused |
| 60 | T10/S26 | O | A.11G | FL tube segment 11G(pin no.15) driving signal output |
| 61 | T9/S27 | O | A.10G | FL tube segment 10G(pin no.14) driving signal output |
| 62 | T8/S28 | O | A.9G | FL tube segment 9G(pin no.13) driving signal output |
| 63 | T7 | O | A.8G | FL tube segment 8G(pin no.12) driving signal output |
| 64 | T6 | O | A.7G | FL tube segment 7G(pin no.11) driving signal output |
| 65 | T5 | O | A.6G | FL tube segment 6G(pin no.10) driving signal output |
| 66 | T4 | O | A.5G | FL tube segment 5G(pin no.9) driving signal output |
| 67 | T3 | O | A.4G | FL tube segment 4G(pin no.8) driving signal output |
| 68 | T2 | O | A.3G | FL tube segment 3G(pin no.7) driving signal output |
| 69 | T1 | O | A.2G | FL tube segment 2G(pin no.6) driving signal output |
| 70 | T0 | O | A.1G | FL tube segment 1G(pin no.5) driving signal output |
| 71 | Vfdp | | | FL pre-driver POWER SUPPLY (-30V) |
| 72 | Vdd | | | Microprocessor POWER input (+5V) |
| 73 | NC | | NC | Unused pull up (+15V) |
| 74 | PG0 | O | LED | STAND BY LED drive output |
| 75 | PG1 | C | POWER | POWER RELAY control signal output |
| 76 | PG2 | O | F. RELAY | FRONT RELAY control signal output |
| 77 | PG3 | O | C/S. RELAY | CENTER/SURROUND control signal output |
| 78 | PE0/EC0/INT0 | I | SEL. CW | Input of ROTARY ENCODER PHASE A signal output for INPUT SELECTOR |
| 79 | PE1/EC1/INT1 | I | SEL. CCW | Input of ROTARY ENCODER PHASE B signal output for INPUT SELECTOR |
| 80 | PE2/IN2 | I | VOL. CW | Input of ROTARY ENCODER PHASE A signal output for VOLUME |

ADJUSTMENT

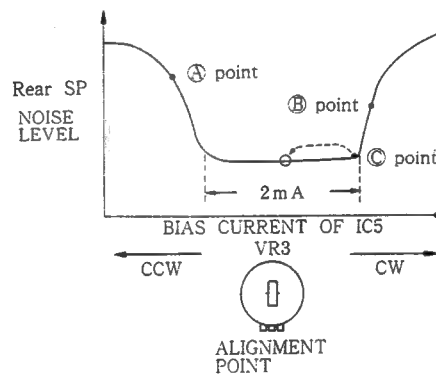
ADJUSTMENT

| No. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | AMPLIFIER SETTING | ALIGNMENT POINTS | ALIGN FOR | FIG |
|--|-----------------------------------|--|---|----------------------------------|------------------------------|---|-----|
| Unless otherwise specified, set the respective switches as follows: POWER : ON SELECTOR : CD (NO SIGNAL) SURROUND : PRO LOGIC | | | | | | | |
| 1 | IDLE CURRENT | — | Connect a DC voltmeter across CP1 (L) CP2 (R) CP3 (C) CP4 (S) (X09-) | VOLUME: 0 | VR1 (L) VR2 (R) (X09-) | 13.2mV | (a) |
| | | | | | VR3 (C) VR4 (S) (X09-) | 10mV~13.2mV | |
| 2 | PRO LOGIC S-OUT NOISE LEVEL | Short CN11 (X11-) (B/5) Short CN10 (X11-) (E/5) | Connect a oscilloscope Rear sp L or R. (Connect load with Rear sp L and R.) | Volume : MAX REAR LEVEL : MAX | VR3 (X11-) (B/5) | Minimum noise level (fig. © point of (b)). | (b) |

(a)

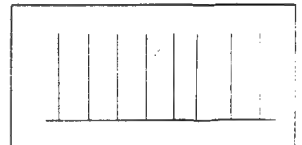


(b)



[Procedure]

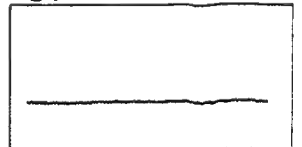
1) (A) point



2) (B) point

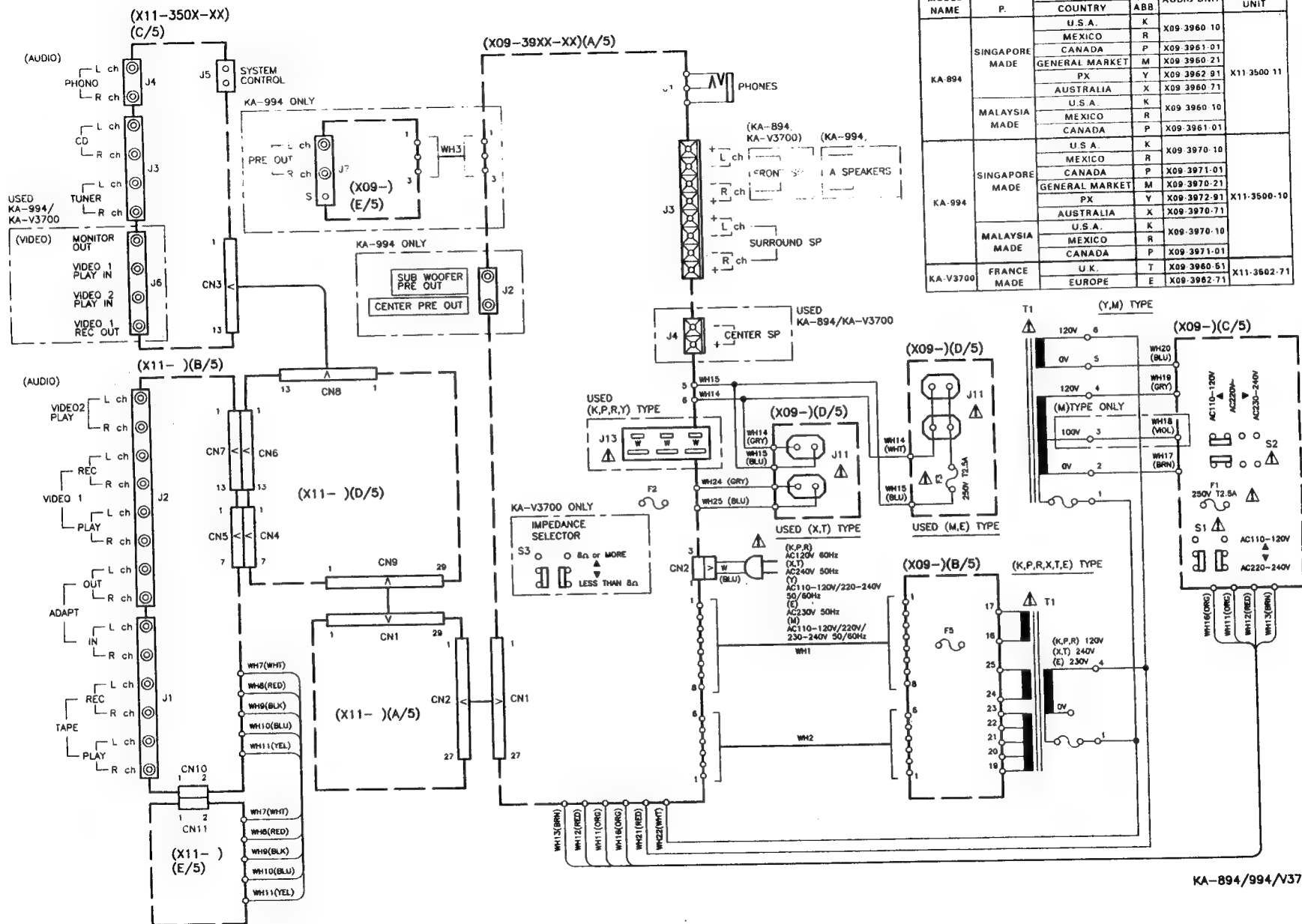


3) (C) point (Minimum noise level)



WIRING DIAGRAM

| MODEL NAME | PRODUCT. P. | DESTINATION | | AUDIO UNIT | CONTROL UNIT |
|------------|----------------|----------------|-----|-------------|--------------|
| | | COUNTRY | ABB | | |
| KA-894 | SINGAPORE MADE | U.S.A. | K | X09-3960-10 | X11-3500-11 |
| | | MEXICO | R | X09-3961-01 | |
| | | CANADA | P | X09-3960-21 | |
| | | GENERAL MARKET | M | X09-3962-91 | |
| | | PX | Y | X09-3960-71 | |
| | | AUSTRALIA | X | X09-3961-01 | |
| KA-994 | SINGAPORE MADE | U.S.A. | K | X09-3970-10 | X11-3500-10 |
| | | MEXICO | R | X09-3971-01 | |
| | | CANADA | P | X09-3970-21 | |
| | | GENERAL MARKET | M | X09-3972-91 | |
| | | PX | Y | X09-3970-71 | |
| | | AUSTRALIA | X | X09-3971-01 | |
| KA-V3700 | FRANCE MADE | U.S.A. | K | X09-3960-51 | X11-3502-71 |
| | | MEXICO | R | X09-3962-71 | |
| | | EUROPE | E | X09-3962-71 | |



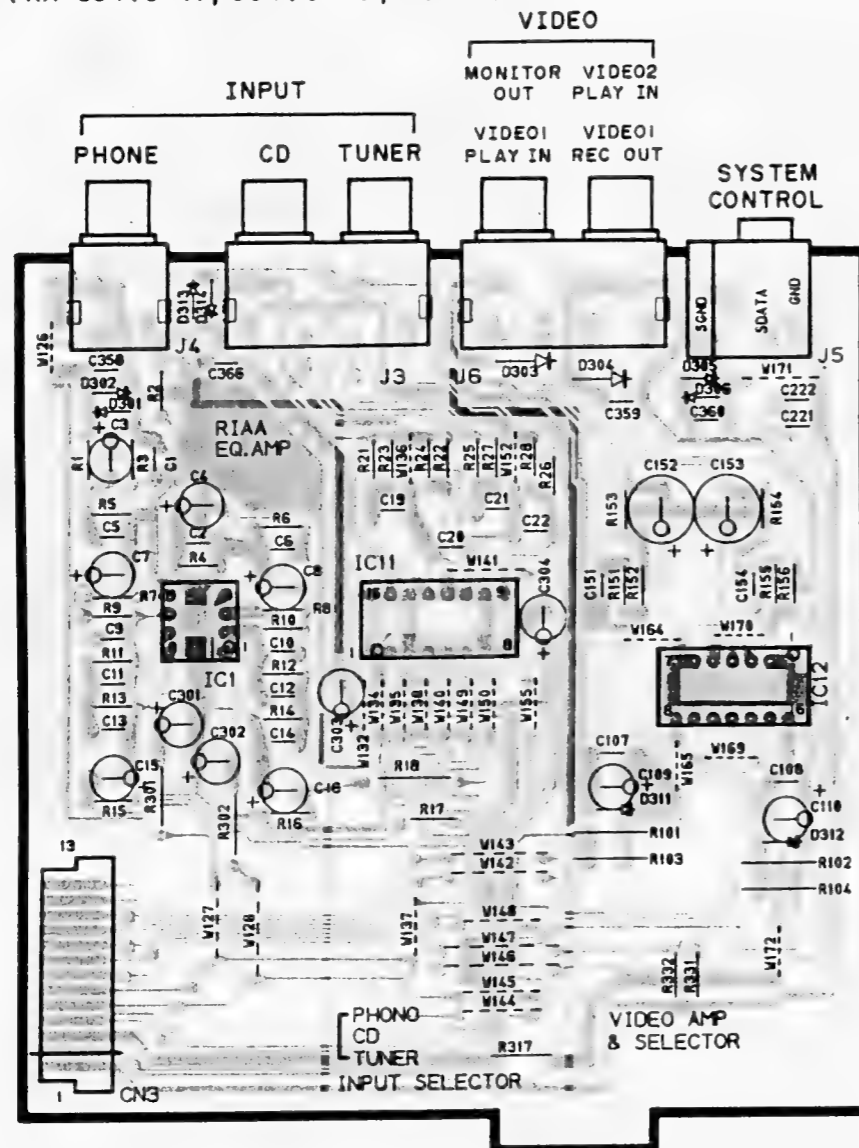
KA-894/994/V3700

PC BOARD (COMPONENT SIDE VIEW)

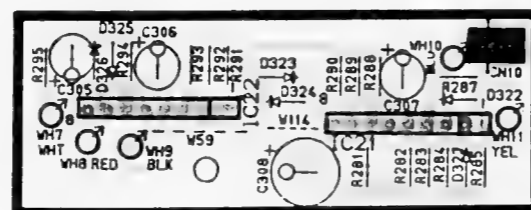
CONTROL UNIT

XII- 350X-XX C/5

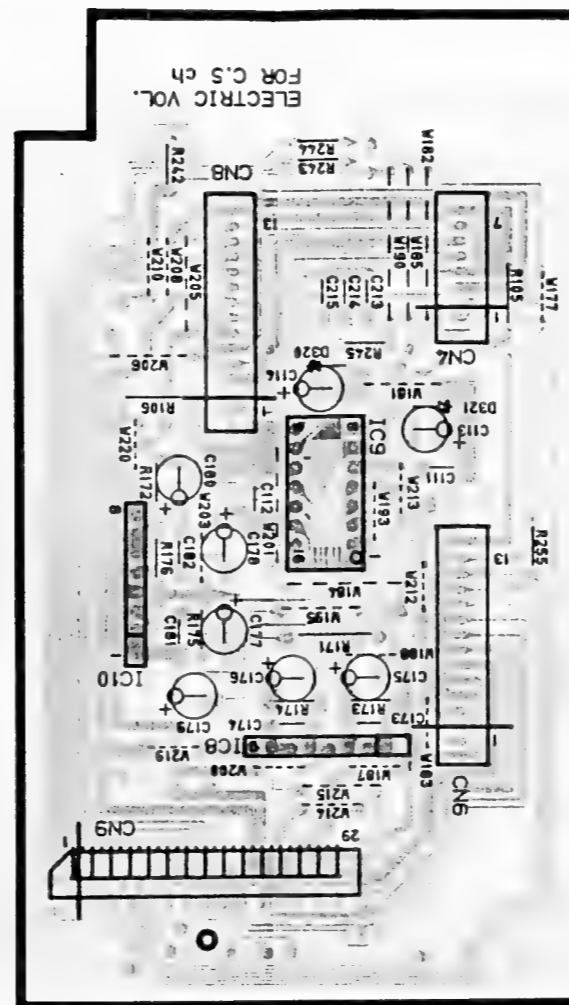
(KA-894:0-11, 994:0-10, V3700:2-71)



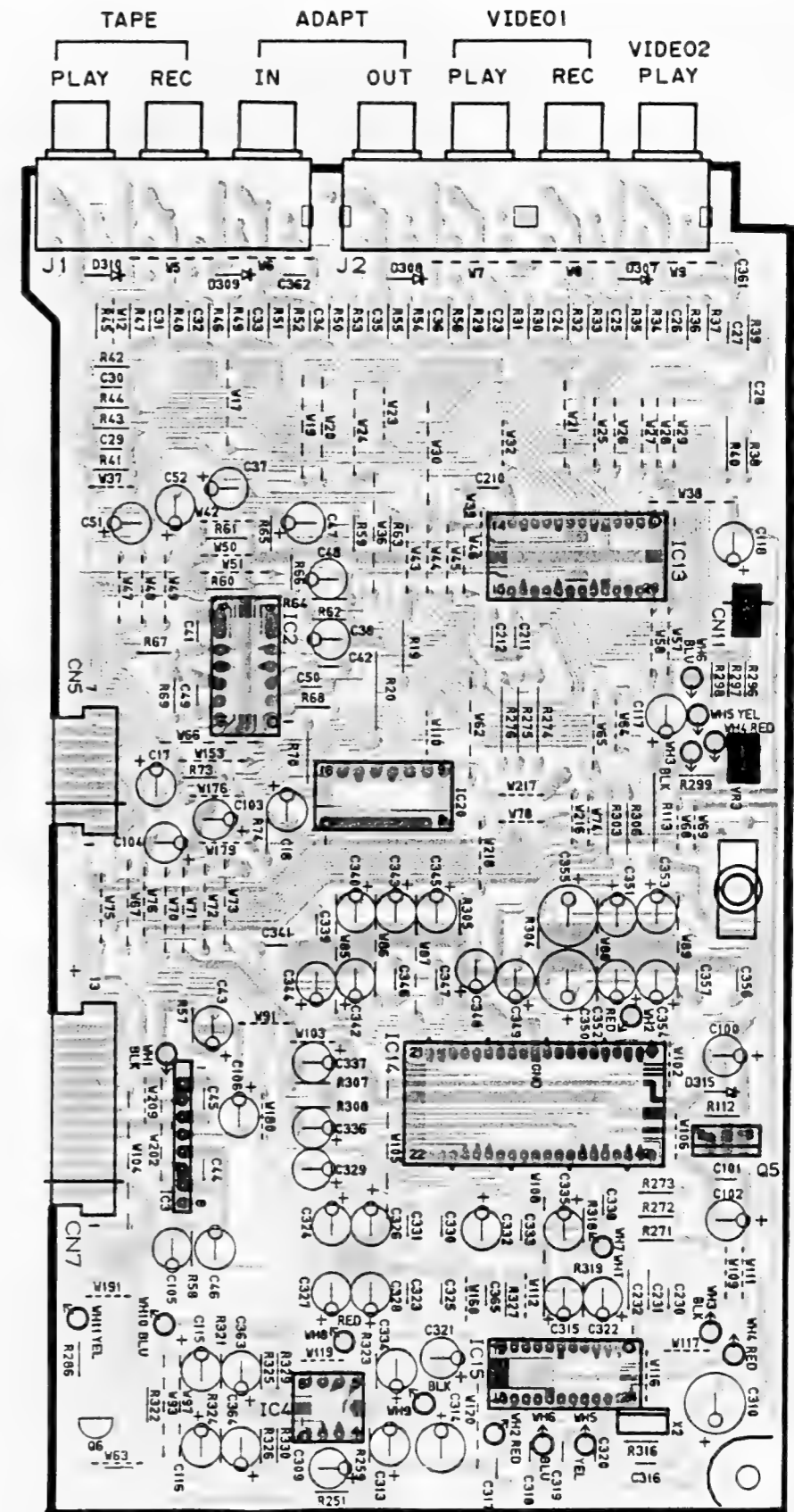
XII- E/5



XII- D/5



XII- B/5

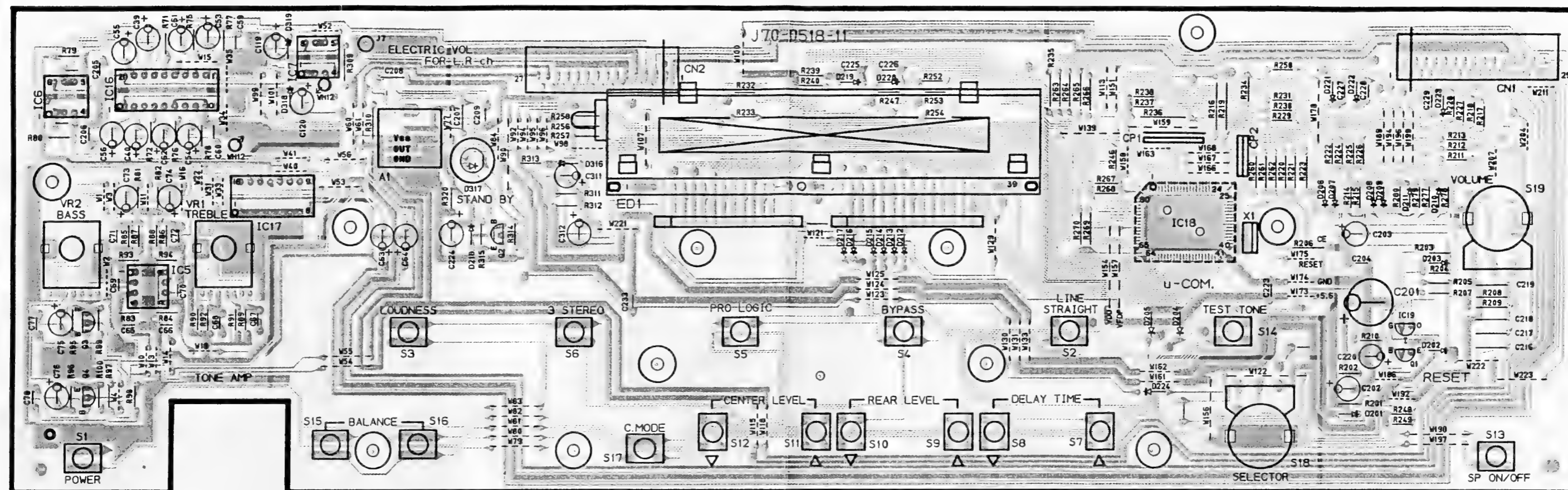


PC BOARD (COMPONENT SIDE VIEW)

CONTROL UNIT

X11-350X-XX A/5 (

-71)



PC BOARD (COMPONENT SIDE VIEW) AUDIO UNIT

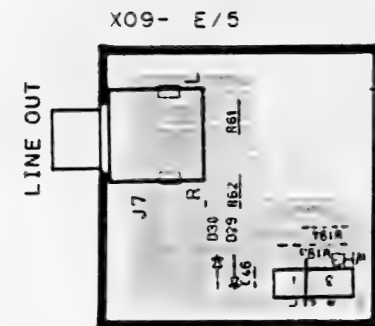
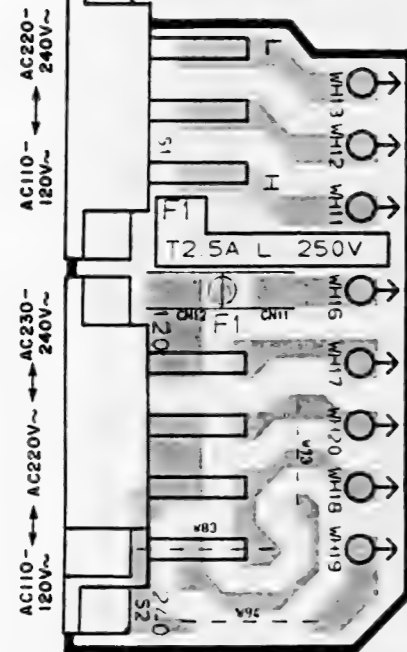
DC voltmeter

(a) IDLE CURRENT
(CP1,2) : 13.2mV
(CP3,4) : 10mV - 13.2mV

Oscilloscope

(2) PRO LOGIC
S-OUT NOISE LEVEL :
Minimum noise level

X09-396X-XX C/5
(KA-894 : 0-10 , V3700 : 2-71)



PRE OUT
(CENTER S.W.)

SPEAKERS
(FRONT/SURROUND)

SPEAKERS
(CENTER)

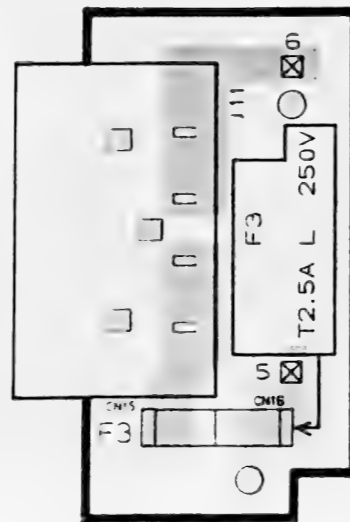
IMPEDANCE
SELECTOR

POWER

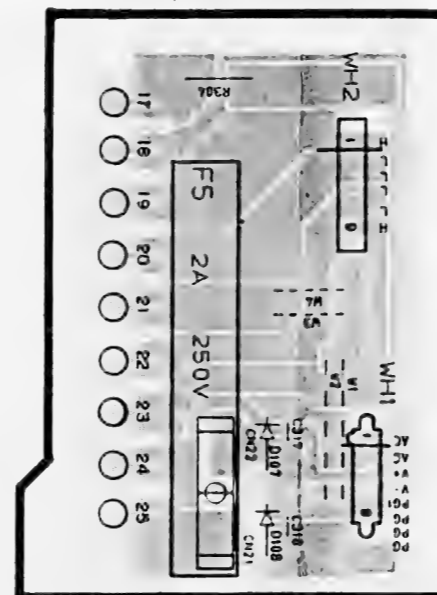
X09- A/5

X09- D/5

AC OUTLET



X09- B/5

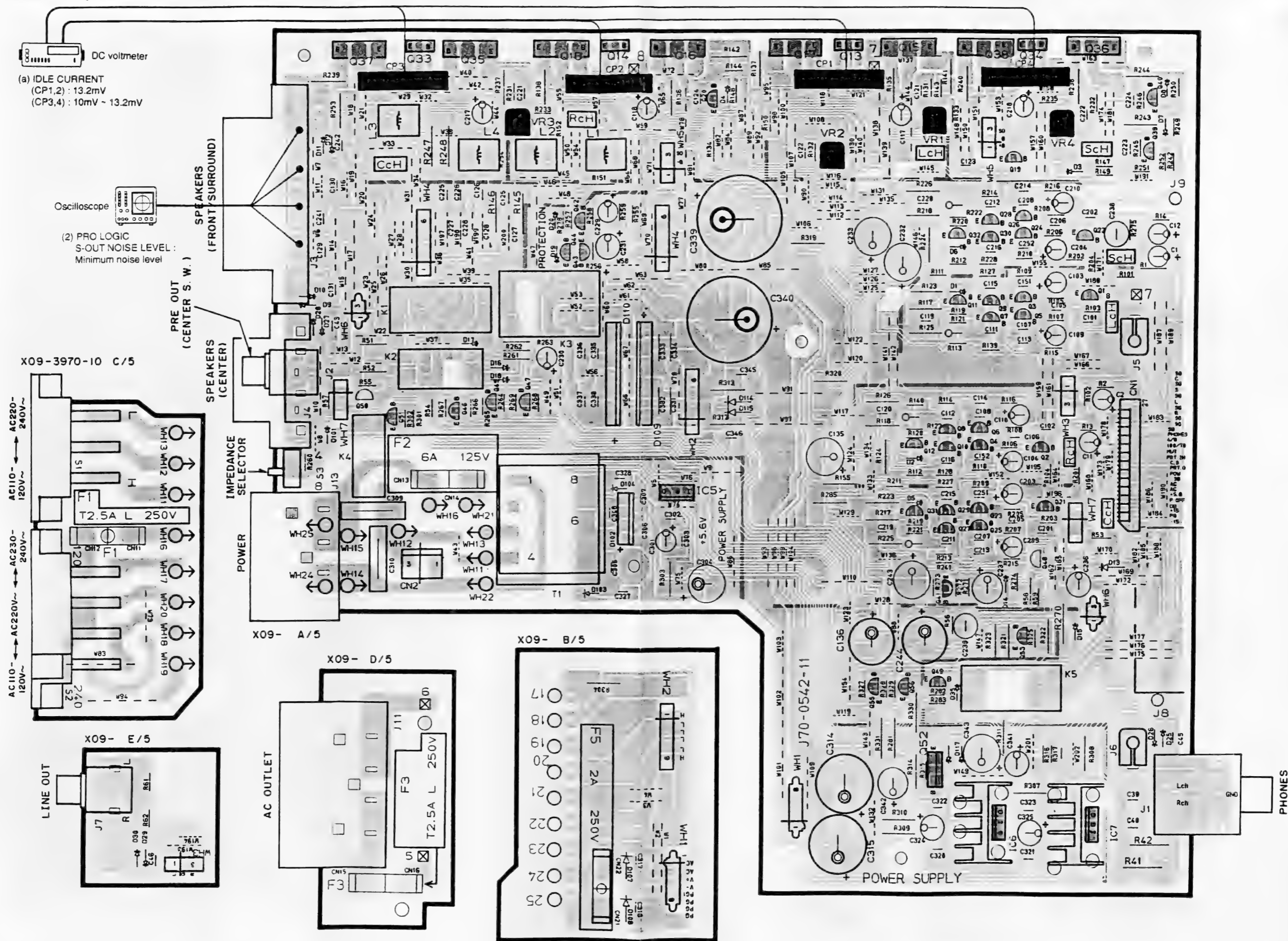


J70-0541-11

POWER SUPPLY

PHONES

PC BOARD (COMPONENT SIDE VIEW) AUDIO UNIT



ANODE CONNECTION

| | 1G | 2G | 3G | 4G | 5G | 6G | 7G | 8G | 9G | 10G | 11G |
|---|----|---------------|----|----|----|----|----|----|----|-----|-----|
| a | a | | a | a | a | a | a | a | a | a | a |
| b | b | | b | b | b | b | b | b | b | b | b |
| c | c | | c | c | c | c | c | c | c | c | c |
| d | d | | d | d | d | d | d | d | d | d | d |
| e | e | | e | e | e | e | e | e | e | e | e |
| f | f | | f | f | f | f | f | f | f | f | f |
| g | g | | g | g | g | g | g | g | g | g | g |
| h | h | | h | h | h | h | h | h | h | h | h |
| i | i | | i | i | i | i | i | i | i | i | i |
| k | k | LOUDNESS | | | | | | | | | |
| m | m | LINE STRAIGHT | | | | | | | | | |
| n | n | MUTING | | | | | | | | | |
| p | p | 3 STEREO | | | | | | | | | |
| r | r | SURROUND | | | | | | | | | |
| s | s | dB | | | | | | | | | |
| t | t | | | | | | | | | | |

| MODEL NAME | UNIT NAME | C69.70 | D204 | D205 |
|------------|-------------|--------|------|------|
| KA-994 | X11-3500-10 | NO | YES | YES |
| KA-894 | X11-3500-11 | NO | NO | NO |
| KA-V3700 | X11-3502-71 | YES | YES | NO |

IC5-7 : NJM4558D
 IC16 : TC9212P
 IC17 : TC9215P
 IC18 : CXP82320-162Q
 IC19 : S-80740AL

Q1-4 : 2SC1740S(Q,R) or 2SC2785(F,E)

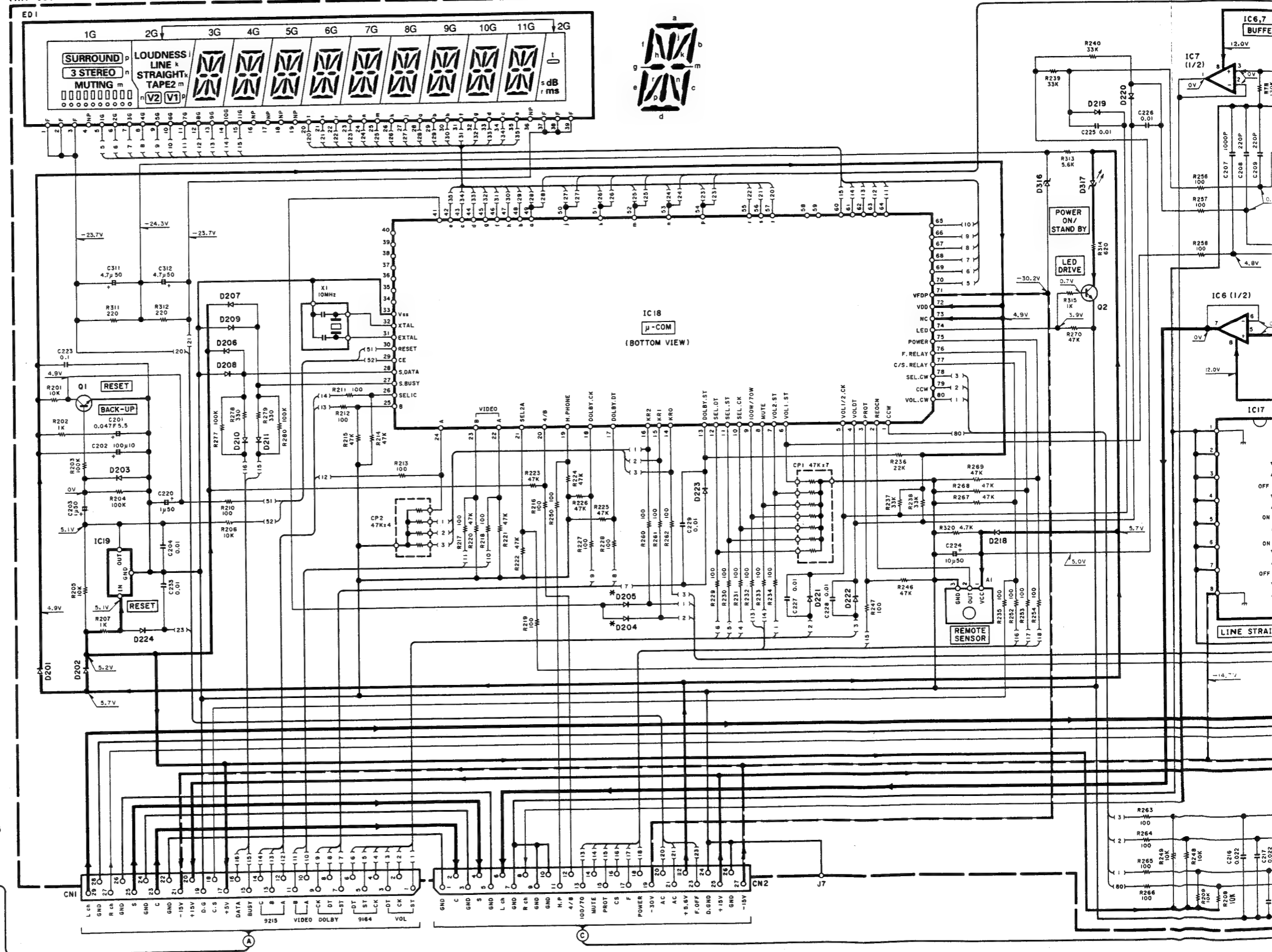
D201-224 : 1SS133 or HSS104
 D316 : RD5.6ES(B2) or HZS5.6N(B2)
 D317 : B30-2461-05
 D318,319 : RD13ES(B2) or HZS13N(B2)

A1 : W02-1174-05/W02-1188-05/
 W02-1046-05

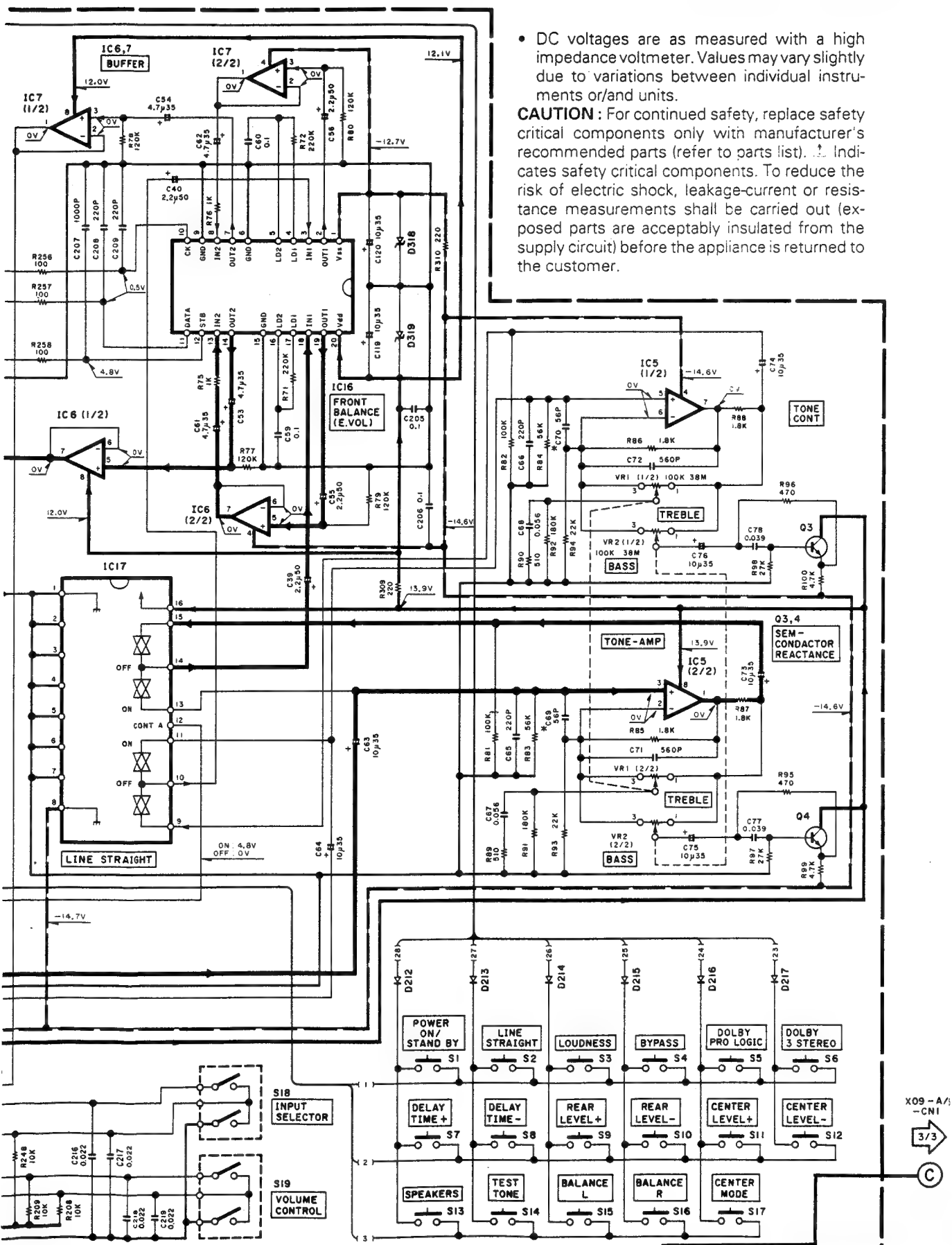
ED1 : FIP11SM8R

— SIGNAL LINE
 — GND LINE
 — +B LINE
 — -B LINE

(X11-350X-XX) (A/5)

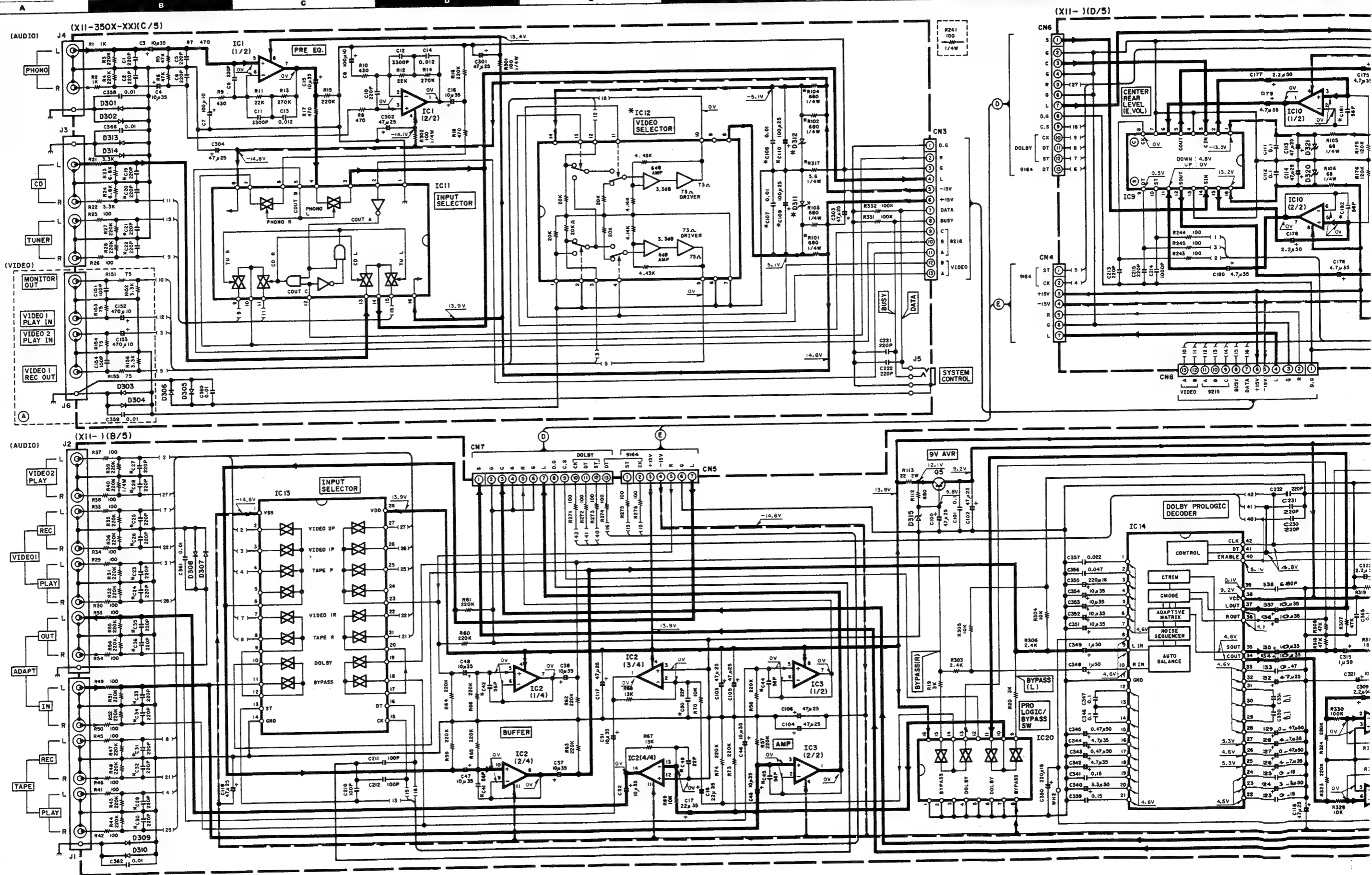


X11-D/5
 -CN9
 1/3
 A



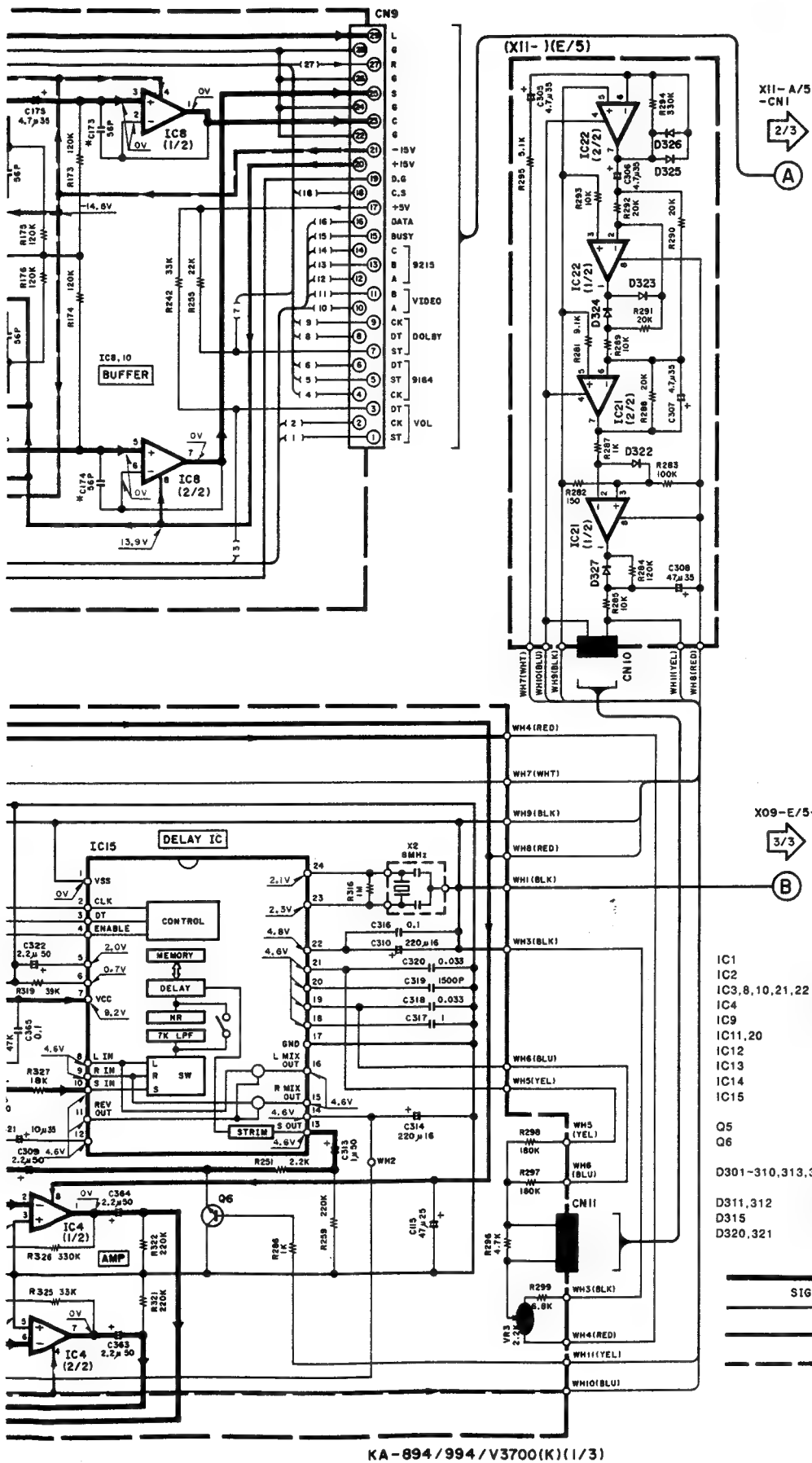
• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚡ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or units

CAUTION: For continued safety, replace safety critical components only with manufacturer's list. * Indicates safety critical components. To reduce the risk of electric shock, leakage current out (exposed parts are acceptably insulated from the supply circuit) before the appliance is re

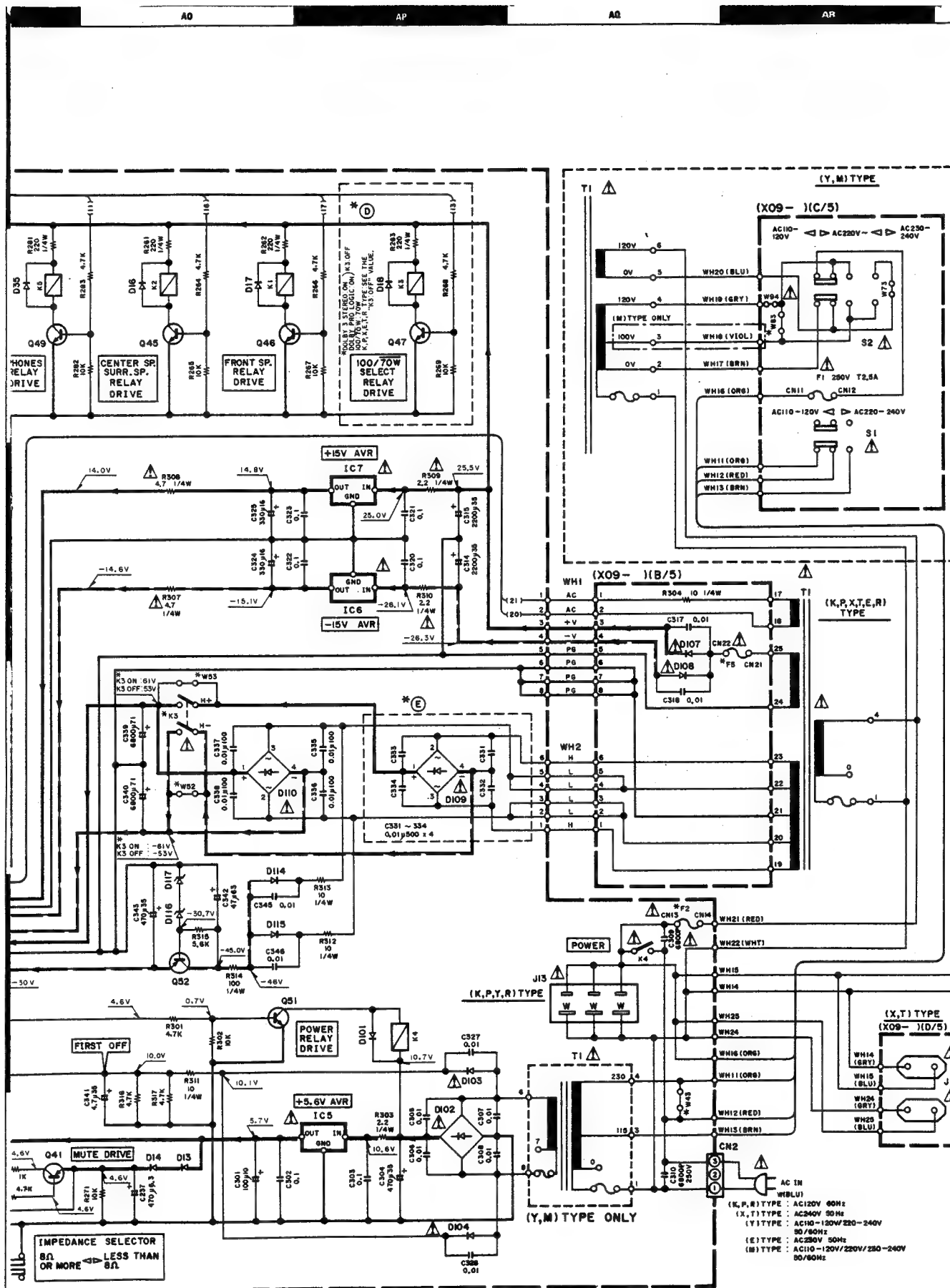


Manufacturer's recommended parts (refer to parts current or resistance measurements shall be carried out returned to the customer.

Y08-5030-10

KA-894/994/V3700

KENWOOD



| MODEL NAME | PRODUCT P. | DESTINATION COUNTRY | ABB. | UNIT NAME | C125.126.225.226 | C127.128.227.228 | C243.244 | R51-53.58.59 | R105.106.205.206 | R155 | R200 | R285.322 | R319.320 | R321 | R323.330 |
|------------|----------------|---------------------|------|-------------|------------------|------------------|----------|--------------|------------------|----------|------|----------|----------|----------|----------|
| KA-894 | SINGAPORE MADE | U.S.A. | K | X09-3960-10 | 0.1 | NO | YES | NO | 100 | 150 1/4W | YES | 820 1/4W | 560 1/4W | 150 1/4W | NO |
| | | MEXICO | R | X09-3960-10 | 0.1 | NO | YES | NO | 100 | 150 1/4W | YES | 820 1/4W | 560 1/4W | 150 1/4W | NO |
| | | CANADA | P | X09-3961-01 | 0.1 | NO | YES | NO | 100 | 150 1/4W | YES | 820 1/4W | 560 1/4W | 150 1/4W | NO |
| | | FX | Y | X09-3962-91 | 0.22 | YES | YES | NO | 100 | 150 1/4W | YES | 820 1/4W | 560 1/4W | 150 1/4W | NO |
| KA-V3700 | MALAYSIA MADE | U.S.A. | K | X09-3960-10 | 0.1 | NO | YES | NO | 100 | 150 1/4W | YES | 820 1/4W | 560 1/4W | 150 1/4W | NO |
| | | MEXICO | R | X09-3960-10 | 0.1 | NO | YES | NO | 100 | 150 1/4W | YES | 820 1/4W | 560 1/4W | 150 1/4W | NO |
| | | CANADA | P | X09-3961-01 | 0.1 | NO | YES | NO | 100 | 150 1/4W | YES | 820 1/4W | 560 1/4W | 150 1/4W | NO |
| | | FX | Y | X09-3962-91 | 0.22 | YES | YES | NO | 100 | 150 1/4W | YES | 820 1/4W | 560 1/4W | 150 1/4W | NO |
| KA-894 | SINGAPORE MADE | U.S.A. | K | X09-3970-10 | 0.1 | NO | NO | YES | 100 | 150 1/4W | NO | NO | 820 1/4W | 150 1/4W | NO |
| | | MEXICO | R | X09-3970-10 | 0.1 | NO | NO | YES | 100 | 150 1/4W | NO | NO | 820 1/4W | 150 1/4W | NO |
| | | CANADA | P | X09-3971-01 | 0.1 | NO | NO | YES | 100 | 150 1/4W | NO | NO | 820 1/4W | 150 1/4W | NO |
| | | FX | Y | X09-3972-91 | 0.22 | YES | YES | NO | 100 | 150 1/4W | NO | NO | 820 1/4W | 150 1/4W | NO |
| KA-V3700 | MALAYSIA MADE | U.S.A. | K | X09-3970-10 | 0.1 | NO | NO | YES | 100 | 150 1/4W | NO | NO | 820 1/4W | 150 1/4W | NO |
| | | MEXICO | R | X09-3970-10 | 0.1 | NO | NO | YES | 100 | 150 1/4W | NO | NO | 820 1/4W | 150 1/4W | NO |
| | | CANADA | P | X09-3971-01 | 0.1 | NO | NO | YES | 100 | 150 1/4W | NO | NO | 820 1/4W | 150 1/4W | NO |
| | | FX | Y | X09-3972-91 | 0.22 | YES | YES | NO | 100 | 150 1/4W | NO | NO | 820 1/4W | 150 1/4W | NO |

| MODEL NAME | PRODUCT P. | DESTINATION COUNTRY | ABB. | UNIT NAME | A.F. | B. | C. | D.E. | W43 | W52.53 | W83 | W197-200 | K3 | S3 | F2 | F5 | Q48 |
|------------|----------------|---------------------|------|-------------|------|----|-----|------|-----|--------|-----|----------|-----|----|-----------|----------|-----|
| KA-894 | SINGAPORE MADE | U.S.A. | K | X09-3960-10 | NO | NO | YES | YES | YES | NO | NO | YES | YES | NO | UL125V6A | UL250V2A | NO |
| | | MEXICO | R | X09-3960-10 | NO | NO | YES | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | NO |
| | | CANADA | P | X09-3961-01 | NO | NO | YES | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | NO |
| | | FX | Y | X09-3962-91 | NO | NO | YES | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | NO |
| KA-V3700 | MALAYSIA MADE | U.S.A. | K | X09-3960-10 | NO | NO | YES | YES | YES | NO | NO | YES | YES | NO | UL125V6A | UL250V2A | NO |
| | | MEXICO | R | X09-3960-10 | NO | NO | YES | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | NO |
| | | CANADA | P | X09-3961-01 | NO | NO | YES | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | NO |
| | | FX | Y | X09-3962-91 | NO | NO | YES | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | NO |
| KA-894 | SINGAPORE MADE | U.S.A. | K | X09-3970-10 | YES | NO | NO | YES | YES | NO | NO | YES | YES | NO | UL125V6A | UL250V2A | YES |
| | | MEXICO | R | X09-3970-10 | YES | NO | NO | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | YES |
| | | CANADA | P | X09-3971-01 | YES | NO | NO | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | YES |
| | | FX | Y | X09-3972-91 | YES | NO | NO | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | YES |
| KA-V3700 | MALAYSIA MADE | U.S.A. | K | X09-3970-10 | YES | NO | NO | YES | YES | NO | NO | YES | YES | NO | UL125V6A | UL250V2A | YES |
| | | MEXICO | R | X09-3970-10 | YES | NO | NO | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | YES |
| | | CANADA | P | X09-3971-01 | YES | NO | NO | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | YES |
| | | FX | Y | X09-3972-91 | YES | NO | NO | YES | YES | NO | NO | YES | YES | NO | 250VT2.5A | 250VT2A | YES |

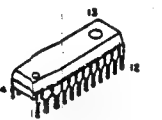
D1-8,16-19,35,103,104 : 1SS131 or HSS104A
 D9-14,25,26,101 : 1SS133 or HSS104
 D15,116 : RD15ES(B2) or HZS15N(B2)
 D20 : RD4.7ES(B2) or HZS4.7N(B2)
 D102 : KBP02ML-6127
 D107,108,114,115 : S5688B or 1SR139-100
 D109,110 : D6SBA20F03 or RBV-602LFA
 D117 : RD16ES(B2) or HZS16N(B2)
 Q1,2,21,22,50 : 2SC2878(B)
 Q3-6,23-26,42,55 : 2SA992(F,E)
 Q7-10 : 2SC2632(R,S)
 Q11,12 : 2SA1124(R,S)
 Q13,14,33,34 : 2SC4137
 Q15,16 : 2SB1594LB
 Q17,18 : 2SD2449LB
 Q19,20,27-30,39 : 2SC2631(R,S)
 Q31,32 : 2SA1123(R,S)
 Q35,36 : 2SD2255BT
 Q37,38 : 2SB1463BT
 Q40,43,44,53,56 : 2SC1845(F,E)
 Q41,48 : 2SA933(O,R) or 2SA1175(F,E)
 Q45-47,49,51 : 2SC2003(L,K)
 Q52 : 2SB1370 or 2SB1375
 IC5 : TA78057S
 IC6 : μ PC7915HF or TA79015S
 IC7 : μ PC7815AHF or TA78155S

KA-894/994/V3700(K)1(3/3)

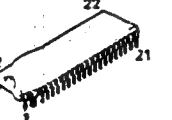
A high impedance voltmeter. Values may vary slightly due to variations between individual instruments

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

LV1010



LA2785



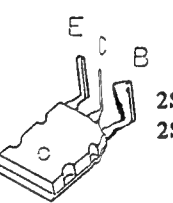
2SB1370
2SD2061



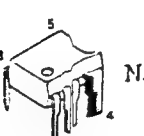
2SB1375
2SD2012



2SB1594LB
2SD2449LB

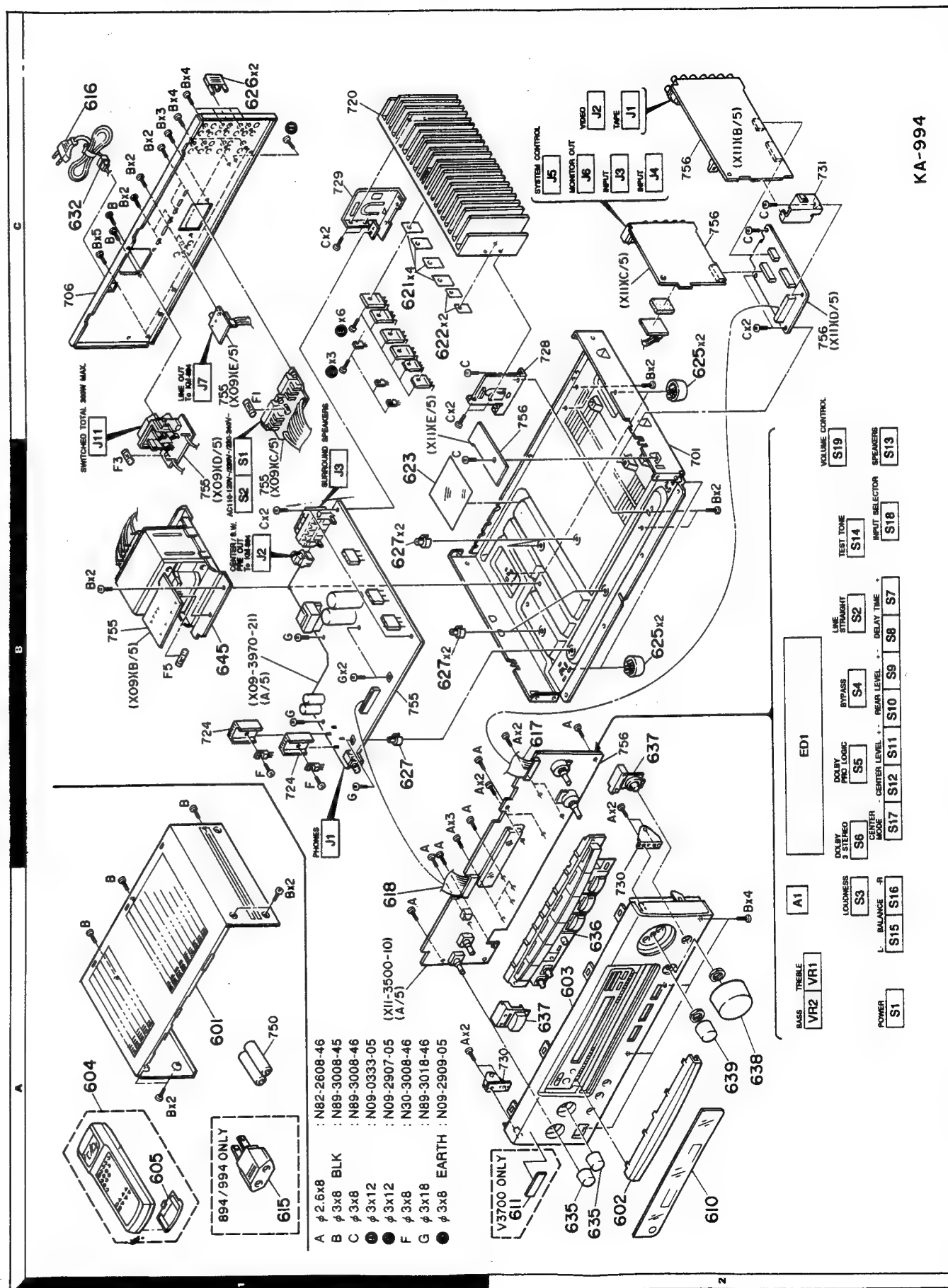


NJM4558D



KA894/994/V3700

EXPLODED VIEW (UNIT)



KA-994

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

New Parts

Cuts without **Parts No.** are not supplied
Les articles non identifiés sans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

| Ref. No. 參照番号 | Address 位 置 | New Parts 新 部 件 | Parts No. 部 品 番 号 | Description 部 品 名 / 規 格 | Desti- nation marks 仕 向 標 志 |
|------------------|----------------|--------------------|-------------------------|--------------------------------|--------------------------------------|
| H | 1C | | N08-0128-35 | BINDING POST (EARTH) | |
| | | | KA-884 (SINGAPORE MADE) | | |
| 601 | 1A | * | A01-3098-11 | METALLIC CABINET | |
| 602 | 2A | * | A21-1855-03 | DRESSING PANEL | |
| 603 | 2A | * | A60-0540-11 | PANEL | |
| 604 | 1A | * | A70-0974-05 | REMOTE CONTROLLER ASY RC-S0800 | |
| 605 | 1A | * | A09-0170-08 | BATTERY COVER | |
| 610 | 2A | * | B03-2890-23 | DRESSING PLATE | |
| 610 | - | - | B46-0092-33 | WARRANTY CARD | K |
| 610 | - | - | B46-0094-03 | WARRANTY CARD | Y |
| 610 | - | - | B46-0095-03 | WARRANTY CARD | Y |
| 610 | - | - | B46-0096-43 | WARRANTY CARD | X |
| - | - | - | B46-0121-33 | WARRANTY CARD | P |
| - | - | - | B58-0513-04 | CAUTION CARD | Y |
| - | - | - | B58-0984-03 | CAUTION CARD | KYR |
| - | - | - | B58-0984-03 | CAUTION CARD | PX |
| - | - | - | B58-0985-03 | CAUTION CARD PL (PTY TYPE) | M |
| - | - | - | B58-0986-03 | CAUTION CARD PL (ELM TYPE) | |
| - | - | - | B58-0970-03 | CAUTION CARD PL (R TYPE) | R |
| - | - | - | B60-1504-00 | INSTRUCTION MANUAL (EN) | P |
| - | - | - | B60-1505-00 | INSTRUCTION MANUAL (F) | MR |
| - | - | - | B60-1506-00 | INSTRUCTION MANUAL (SP) | M |
| - | - | - | B60-1507-00 | INSTRUCTION MANUAL (C) | |
| 615 | 1A | * | B03-0115-05 | AC PLUG ADAPTER | M |
| 616 | 1C | * | E30-2592-15 | AC POWER CORD | M |
| 616 | 1C | * | E30-2605-05 | AC POWER CORD | M |
| 616 | 1C | * | E30-2650-05 | AC POWER CORD | KPR |
| 616 | 1C | * | E30-2717-05 | AC POWER CORD | X |
| 617 | 2B | * | G35-0766-05 | FLAT CABLE 29P X11 CN1-X11 CN9 | |
| 618 | 1A | * | E35-0767-05 | FLAT CABLE 27P X11 CN2-X09 CN1 | X |
| J11 | 1C | * | G03-0141-05 | AC OUTLET | |
| 621 | 1C | * | F20-1284-05 | INSULATING BOARD | |
| 622 | 1C | * | F20-1297-05 | INSULATING SHEET | |
| 623 | 1B | * | F20-1393-04 | INSULATING SHEET | MX |
| 624 | 2C | * | G10-0173-04 | CUSHION | |
| - | - | - | H50-0961-04 | ITEM CARTON CASE | KPYXR |
| - | - | - | H50-0996-04 | ITEM CARTON CASE | M |
| - | - | - | K29-5850-02 | POLYSTYRENE FOAMED FIXTURE (L) | |
| - | - | - | H10-5676-02 | POLYSTYRENE FOAMED FIXTURE (L) | |
| - | - | - | H10-5677-02 | POLYSTYRENE FOAMED FIXTURE (R) | |
| - | - | - | H13-0147-14 | CARTON BOARD | X |
| - | - | - | H25-0232-04 | PROTECTION BAG (23X35X50X0.03) | |
| - | - | - | H25-1516-04 | PROTECTION BAG | |
| 625 | 2B, 2C | * | J02-0366-15 | FOOT | |
| 626 | 1C | * | J12-0091-15 | PIN | |
| 627 | 1B | * | J19-5657-14 | UNIT HOLDER | |
| 632 | 1C | * | J42-0083-05 | POWER CORD BUSHING | |
| - | - | - | J61-0307-05 | WIRE BAND | |
| 635 | 2A | * | K29-5838-04 | KNOB (BASS/TREBLE) | |
| 636 | 2A | * | K29-5849-02 | KNOB (SURROUND) | |
| 637 | 2A, 2B | * | K29-5850-03 | KNOB (POWER/SPEAKERS) | |
| 638 | 2A | * | K29-5851-04 | KNOB (VOLUME CONTROL) | |
| 639 | 2A | * | K29-5866-04 | KNOB (INPUT SELECTOR) | |
| 645 | 1B | * | L07-0843-05 | POWER TRANSFORMER | P |

| Ref. No. 参照番号 | Address 位置 | New Parts 新部品 | Parts No. 部品番号 | Description 部品名/規格 | Desti- nation 仕向備考 |
|------------------------|---------------|------------------|-------------------|--------------------------------|--------------------------|
| KA-V3700 (FRANCE MADE) | | | | | |
| 601 | 1A | * | A01-3098-11 | METALLIC CABINET | |
| 602 | 2A | * | A21-1855-03 | DRESSING PANEL | |
| 603 | 2A | * | A60-0541-21 | PANEL | |
| 604 | 1A | * | A70-0974-05 | REMOTE CONTROLLER | ASY RC-S0800 |
| 605 | 1A | * | A09-0170-08 | BATTERY COVER | |
| 610 | 2A | * | 803-2890-23 | DRESSING PLATE | |
| 611 | 2A | * | 943-0287-04 | KENWOOD BADGE | |
| 612 | 2A | * | 946-0310-03 | WARRANTY CARD | |
| - | - | * | 958-0945-03 | CAUTION CARD | |
| - | - | * | 958-0965-03 | CAUTION CARD | PL (PTX TYPE) |
| - | - | * | 958-0966-03 | CAUTION CARD | PL (ELM TYPE) |
| - | - | * | 960-1508-00 | INSTRUCTION MANUAL (EN) | |
| - | - | * | 960-1509-00 | INSTRUCTION MANUAL (F/G/D/I) | |
| 616 | 1C | * | E30-2592-15 | AC POWER CORD | |
| 616 | 1C | * | E30-2721-05 | AC POWER CORD | |
| 617 | 2B | * | E35-0766-05 | FLAT CABLE 23P X11 | CN1-X11 CN9 |
| 618 | 1A | * | E35-0767-05 | FLAT CABLE 27P X11 | CN2-X09 CN1 |
| J11 | 1C | * | E03-0085-05 | AC OUTLET | |
| 621 | 1C | * | F20-1284-05 | INSULATING BOARD | |
| 622 | 1C | * | F20-1297-05 | INSULATING SHEET | |
| 623 | 1B | * | F20-1393-04 | INSULATING SHEET | |
| - | - | * | F20-1358-04 | INSULATING BOARD | |
| 624 | 2C | * | G10-0173-04 | CUSHION | |
| - | - | * | H50-0998-04 | ITEM CARTON CASE | |
| - | - | * | H50-0999-04 | ITEM CARTON CASE | |
| - | - | * | H10-5738-02 | POLYSTYRENE FOAMED FIXTURE (L) | |
| - | - | * | H10-5739-02 | POLYSTYRENE FOAMED FIXTURE (R) | |
| - | - | * | H11-0057-04 | POLYSTYRENE FOAMED BOARD | |
| - | - | * | H13-0148-04 | CARTON BOARD | |
| - | - | * | H25-0232-04 | PROTECTION BAG (235X350X0.03) | |
| - | - | * | H25-0361-04 | PROTECTION BAG | |
| - | - | * | H25-0651-04 | PROTECTION BAG (0232 PRINTED) | |
| - | - | * | H25-0666-04 | PROTECTION BAG (0361 PRINTED) | |
| 625 | 2B, 2C | * | J02-1040-05 | FOOT | |
| 626 | 1C | * | J12-0091-15 | PIN | |
| 627 | 1B | * | J19-3657-14 | UNIT HOLDER | |
| 632 | 1C | * | J42-0083-05 | POWER CORD BUSHING | |
| - | - | * | J61-0307-05 | WIRE BAND | |
| 635 | 2A | * | K29-5838-04 | KNOB (BASS/TREBLE) | |
| 636 | 2A | * | K29-5849-02 | KNOB (SURROUND) | |
| 637 | 2A, 2B | * | K29-5850-03 | KNOB (POWER/SPEAKERS) | |
| 638 | 2A | * | K29-5851-04 | KNOB (VOLUME CONTROL) | |
| 639 | 2A | * | K29-5866-04 | KNOB (INPUT SELECTOR) | |
| 645 | 1B | * | L07-0876-05 | POWER TRANSFORMER | |
| 645 | 1A | * | L07-0877-05 | POWER TRANSFORMER | |
| 646 | 1A, 2B | * | N82-2608-46 | BINDIG HEAD TAPITTE SCREW | |
| 647 | 1A, 1C | * | N89-3008-45 | BINDING HEAD TAPITTE SCREW | |
| 648 | 1C, 2C | * | N89-3008-46 | BINDING HEAD TAPITTE SCREW | |
| 649 | 1C | * | N09-0333-05 | HEXAGON HD TAPPING SCREW M3X12 | |
| 650 | 1C | * | N09-2907-05 | TAP SCREW WITH WASHER M3X14 | |
| 651 | 4B | * | UV7-JUV10-10 | BINDING HEAD TAPITTE SCREW | |

A indicates safety critical components

M:Australia
M:Other Areas

Y:AAFES(Europe)

A indicates safety critical components.

PARTS LIST

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| Ref. No. 参照番号 | Address 位置 | Parts No. 部品番号 | Description 部品名 / 規格 | Desti- nation 仕向 | Re- marks 備考 |
|-------------------------|---------------|-------------------|--------------------------------|------------------------|--------------------|
| D | 1C | N09-0333-05 | HEXAGON HD TAPPING SCREW M3X12 | | |
| E | 1C | N09-2907-05 | TAP SCREW WITH WASHER M3X14 | | |
| G | 1B | N89-3018-46 | BINDING HEAD TAPITE SCREW | | |
| H | 1C | N09-2909-05 | TAPITE SCREW (EARTH) | | |
| KA-994 (SINGAPORE MADE) | | | | | |
| 601 | 1A | A01-3098-11 | METALLIC CABINET | | |
| 602 | 2A | A21-1855-03 | DRESSING PANEL | | |
| 603 | 2A | A60-0539-11 | PANEL | | |
| 604 | 1A | A70-0961-05 | REMOTE CONTROLLER ASY RC-R0801 | | |
| 605 | 1A | A09-0169-08 | BATTERY COVER | | |
| 610 | 2A | 803-2890-23 | DRESSING PLATE | | |
| - | - | 846-0092-23 | WARRANTY CARD | | |
| - | - | 846-0094-03 | WARRANTY CARD | | |
| - | - | 846-0095-03 | WARRANTY CARD | | |
| - | - | 846-0096-43 | WARRANTY CARD | | |
| - | - | 846-0121-33 | WARRANTY CARD | | |
| - | - | 858-0513-04 | CAUTION CARD | | |
| - | - | 858-0964-03 | CAUTION CARD | | |
| - | - | 858-0965-03 | CAUTION CARD | | |
| - | - | 858-0966-03 | CAUTION CARD | | |
| - | - | 858-0970-03 | CAUTION CARD | | |
| - | - | 860-1500-00 | INSTRUCTION MANUAL (EN) | | |
| - | - | 860-1501-00 | INSTRUCTION MANUAL (F) | | |
| - | - | 860-1502-00 | INSTRUCTION MANUAL (SP) | | |
| - | - | 860-1503-00 | INSTRUCTION MANUAL (C) | | |
| - | - | 860-1595-00 | I/MANUAL PRESET RC (EN) | | |
| - | - | 860-1596-00 | I/MANUAL PRESET RC (F) | | |
| - | - | 860-1597-00 | I/MANUAL PRESET RC (SP) | | |
| - | - | 860-1598-00 | I/MANUAL PRESET RC (C) | | |
| 615 | 1A | E03-0115-05 | AC PLUG ADAPTER | | |
| 616 | 1C | E30-2592-15 | AC POWER CORD | | |
| 616 | 1C | E30-2605-05 | AC POWER CORD | | |
| 616 | 1C | E30-2650-05 | AC POWER CORD | | |
| 616 | 1C | E30-2717-05 | AC POWER CORD | | |
| 617 | 2B | E35-0766-05 | FLAT CABLE 29P X11 CN1-X11 CN9 | | |
| 618 | 1A | E35-0767-05 | FLAT CABLE 27P X11 CN2-X09 CN1 | | |
| 618 | 1C | E03-0141-05 | AC OUTLET | | |
| 621 | 1C | F20-1284-05 | INSULATING BOARD | | |
| 622 | 1C | F20-1297-05 | INSULATING SHEET | | |
| 623 | 1B | F20-1393-04 | INSULATING SHEET | | |
| 624 | 2C | G10-0173-04 | CUSHION | | |
| 625 | 2B, 2C | H50-0958-04 | ITEM CARTON CASE | | |
| 626 | 1C | H50-0959-04 | ITEM CARTON CASE | | |
| 627 | 1C | H10-5676-02 | POLYSTYRENE FOAMED FIXTURE (L) | | |
| 627 | 1C | H10-5677-02 | POLYSTYRENE FOAMED FIXTURE (R) | | |
| 627 | 1C | H13-0147-14 | CARTON BOARD | | |
| 627 | 1C | H25-0232-04 | PROTECTION BAG (235X350X0.03) | | |
| 627 | 1C | H25-1516-04 | PROTECTION BAG | | |
| 627 | 1C | J02-0366-15 | FOOT | | |
| 627 | 1C | J12-0091-15 | PIN | | |
| 627 | 1C | J19-3657-14 | UNIT HOLDER | | |
| 627 | 1C | J42-0083-05 | POWER CORD BUSHING | | |
| 627 | 1C | J61-0307-05 | WIRE BAND | | |
| 635 | 2A | K29-5848-04 | KN08 (BASS/TREBLE) | | |
| 636 | 2A | K29-5849-02 | KN08 (SURROUND) | | |
| 637 | 2A, 2B | K29-5850-03 | KN08 (POWER/SPEAKERS) | | |
| 638 | 2A | K29-5851-04 | KN08 (VOLUME CONTROL) | | |
| 639 | 2A | K29-5866-04 | KN08 (INPUT SELECTOR) | | |
| 645 | 1B | L07-0843-05 | POWER TRANSFORMER | | |
| 645 | 1B | L07-0847-05 | POWER TRANSFORMER | | |
| 645 | 1C, 2C | N09-3008-46 | BINDING HEAD TAPITE SCREW | | |
| 645 | 1C, 2C | N89-3008-46 | BINDING HEAD TAPITE SCREW | | |

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|------------------------|---------------|-------------------|--------------------------------|------------------------|--------------------|
| 645 | 1B | L07-0845-05 | POWER TRANSFORMER | | |
| 645 | 1B | L07-0846-05 | POWER TRANSFORMER | | |
| 645 | 1B | L07-0849-05 | POWER TRANSFORMER | | |
| A | 1A, 2B | N82-2608-46 | BINDING HEAD TAPITE SCREW | | |
| B | 1A, 1C | N89-3008-45 | BINDING HEAD TAPITE SCREW | | |
| C | 1C, 2C | N89-3008-46 | BINDING HEAD TAPITE SCREW | | |
| D | 1C | N09-0333-05 | HEXAGON HD TAPPING SCREW M3X12 | | |
| E | 1C | N09-2907-05 | TAP SCREW WITH WASHER M3X14 | | |
| G | 1B | N89-3018-46 | BINDING HEAD TAPITE SCREW | | |
| H | 1C | N09-2909-05 | TAPITE SCREW (EARTH) | | |
| KA-984 (MALAYSIA MADE) | | | | | |
| 601 | 1A | A01-3098-11 | METALLIC CABINET | | |
| 602 | 2A | A21-1855-03 | DRESSING PANEL | | |
| 603 | 2A | A60-0540-11 | PANEL | | |
| 604 | 1A | A70-0970-05 | REMOTE CONTROLLER ASY RC-S0800 | | |
| 605 | 1A | A09-0170-08 | BATTERY COVER | | |
| 610 | 2A | 803-2890-23 | DRESSING PLATE | | |
| - | - | 846-0092-23 | WARRANTY CARD | | |
| - | - | 846-0121-33 | WARRANTY CARD | | |
| - | - | 858-0964-03 | CAUTION CARD | | |
| - | - | 858-0965-03 | CAUTION CARD | | |
| - | - | 858-0970-03 | CAUTION CARD | | |
| - | - | 860-1504-00 | INSTRUCTION MANUAL (EN) | | |
| - | - | 860-1505-00 | INSTRUCTION MANUAL (F) | | |
| - | - | 860-1506-00 | INSTRUCTION MANUAL (SP) | | |
| 616 | 1C | E30-2650-05 | AC POWER CORD | | |
| 617 | 2B | E35-0766-05 | FLAT CABLE 29P X11 CN1-X11 CN9 | | |
| 618 | 1A | E35-0767-05 | FLAT CABLE 27P X11 CN2-X09 CN1 | | |
| 621 | 1C | F20-1284-05 | INSULATING BOARD | | |
| 622 | 1C | F20-1297-05 | INSULATING SHEET | | |
| 624 | 2C | G10-0173-04 | CUSHION | | |
| 625 | 2B, 2C | H50-0997-04 | ITEM CARTON CASE | | |
| 626 | 1C | H10-5680-02 | POLYSTYRENE FOAMED FIXTURE (L) | | |
| 627 | 1B | H10-5681-02 | POLYSTYRENE FOAMED FIXTURE (R) | | |
| 627 | 1C | H25-0232-04 | PROTECTION BAG (235X350X0.03) | | |
| 627 | 1C | H25-1516-04 | PROTECTION BAG | | |
| 625 | 2B, 2C | J02-0366-15 | FOOT | | |
| 626 | 1C | J12-0091-15 | PIN | | |
| 627 | 1B | J19-3657-14 | UNIT HOLDER | | |
| 632 | 1C | J42-0083-05 | POWER CORD BUSHING | | |
| 632 | 1C | J61-0307-05 | WIRE BAND | | |
| 635 | 2A | K29-5848-04 | KN08 (BASS/TREBLE) | | |
| 636 | 2A | K29-5849-02 | KN08 (SURROUND) | | |
| 637 | 2A, 2B | K29-5850-03 | KN08 (POWER/SPEAKERS) | | |
| 638 | 2A | K29-5851-04 | KN08 (VOLUME CONTROL) | | |
| 639 | 2A | K29-5866-04 | KN08 (INPUT SELECTOR) | | |
| 645 | 1B | L07-0843-05 | POWER TRANSFORMER | | |
| 645 | 1B | L07-0847-05 | POWER TRANSFORMER | | |
| 645 | 1C, 2C | N09-3008-46 | BINDING HEAD TAPITE SCREW | | |
| 645 | 1C, 2C | N89-3008-46 | BINDING HEAD TAPITE SCREW | | |

L:Scandinavia K:USA P:Canada R:Mexico
Y:Far East, Hawaii T:England E:Europe
V:AFES(Europe) X:Australia M:Other Areas
A indicates safety critical components

KA-894/994/V3700

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| Ref. No. 参照番号 | Address 位置 | New Parts 番号 | Parts No. 部品番号 | Description 部品名 / 規格 | Re- marks 仕 向備考 |
|---------------------------------------|---------------|--------------------|-------------------|--------------------------------|-----------------------|
| 636 | 2A | * | K29-5849-02 | KN0B (SURROUND) | KR P |
| 637 | 2A, 2B | * | K29-5850-03 | KN0B (POWER/SPEAKERS) | |
| 638 | 2A | * | K29-5851-04 | KN0B (VOLUME CONTROL) | |
| 639 | 2A | * | K29-5866-04 | KN0B (INPUT SELECTOR) | |
| 645 | 1B | * | L07-0871-05 | POWER TRANSFORMER | KR P |
| 645 | 1B | * | L07-0872-05 | POWER TRANSFORMER | |
| A | 1A, 2B | | N82-2608-46 | BINDING HEAD TAPITTE SCREW | KR P |
| B | 1A, 1C | | N89-3008-45 | BINDING HEAD TAPITTE SCREW | |
| C | 1C, 2C | | N89-3008-46 | BINDING HEAD TAPITTE SCREW | |
| D | 1C | | N09-0333-05 | HEXAGON HD TAPPING SCREW M3X12 | |
| E | 1C | | N09-2907-05 | TAP SCREW WITH WASHER M3X14 | |
| G | 1B | | N89-3018-46 | BINDING HEAD TAPITTE SCREW | KR P |
| H | 1C | | N09-2909-05 | TAPITTE SCREW (EARTH) | |
| KA-894/V3700 AUDIO UNIT (X08-395X-XX) | | | | | |
| C1, 2 | | | CE04LW1H2R2F | ELECTR0 2.20UF 50WV | YMKTE KPR |
| C11 | | | CE04LW1H2R2M | ELECTR0 2.20UF 50WV | |
| C12 | | | CE04LW1HOR1M | ELECTR0 0.10UF 50WV | |
| C39, 40 | | | CK45FF1H472Z | CERAMIC 4700PF Z | |
| C45 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | YMKTE KPR |
| C101, 102 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| C103, 104 | | | CE04LW1H010M | ELECTR0 1.00UF 50WV | |
| C105, 106 | | | CQ92FM1H102J | MYLAR 1000PF J | |
| C107, 108 | | | CC45FSL1H101J | CERAMIC 100PF J | YMKTE KPR |
| C109, 110 | | | CE04LW0J221M | ELECTR0 220UF 6.3WV | |
| C111, 112 | | | CC45FSL1H680J | CERAMIC 68PF J | |
| C113, 114 | | | CC45FSL1H020C | CERAMIC 2.0PF C | |
| C115, 116 | | | CC45FSL1H680J | CERAMIC 68PF J | YMKTE KPR |
| C117, 118 | | | CE04LW1C220M | ELECTR0 220UF 16WV | |
| C119, 120 | | | CC45FSL1H221J | CERAMIC 220PF J | |
| C121, 122 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| C123, 124 | | | CK45FF1H472Z | CERAMIC 4700PF Z | YMKTE KPR |
| C125, 126 | | | CF92FV1H224J | MF 0.22UF J | |
| C129, 130 | | | CF92FV1H104J | MF 0.10UF J | |
| C131 | | | CK45FF1H472Z | CERAMIC 4700PF Z | |
| C135, 136 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | YMKTE KPR |
| C151, 152 | | | CE04LW2A470M | ELECTR0 470UF 100WV | |
| C201, 202 | | | CC45FSL1H101J | CERAMIC 100PF J | |
| C203, 204 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| C205 | | | CE04LW1H010M | ELECTR0 1.00UF 50WV | YMKTE KPR |
| C206 | | | CQ92FM1H102J | MYLAR 1000PF J | |
| C207, 208 | | | CC45FSL1H221J | CERAMIC 220PF J | |
| C209 | | | CC45FSL1H101J | CERAMIC 100PF J | |
| C210 | | | CE04LW0J221M | ELECTR0 220UF 6.3WV | YMKTE KPR |
| C211, 212 | | | CC45FSL1H680J | CERAMIC 68PF J | |
| C213, 214 | | | CC45FSL1H020C | CERAMIC 2.0PF C | |
| C215, 216 | | | CC45FSL1H680J | CERAMIC 68PF J | |
| C217, 218 | | | CE04LW1C220M | ELECTR0 220UF 16WV | YMKTE KPR |
| C219, 220 | | | CC45FSL1H221J | CERAMIC 220PF J | |
| C221, 222 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| C223, 224 | | | CK45FF1H472Z | CERAMIC 4700PF Z | |
| C225, 226 | | | CF92FV1H224J | MF 0.22UF J | YMKTE KPR |
| C229 | | | CF92FV1H104J | MF 0.10UF J | |
| | | | CE04LW2A470M | ELECTR0 4.70UF 100WV | |

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|------------------------|---------------|-------------------|--------------------------------|------------------------|---|
| 635 | 2A | K29-5838-04 | KN0B (BASS/TREBLE) | KR P | |
| 636 | 2A | K29-5849-02 | KN0B (SURROUND) | | |
| 637 | 2A, 2B | K29-5850-03 | KN0B (POWER/SPEAKERS) | | |
| 638 | 2A | K29-5851-04 | KN0B (VOLUME CONTROL) | | |
| 639 | 2A | K29-5866-04 | KN0B (INPUT SELECTOR) | KR P H X Y | |
| 645 | 1B | L07-0871-05 | POWER TRANSFORMER | | |
| 645 | 1B | L07-0872-05 | POWER TRANSFORMER | | |
| 645 | 1B | L07-0873-05 | POWER TRANSFORMER | | |
| 645 | 1B | L07-0874-05 | POWER TRANSFORMER | KR P H X Y | |
| 645 | 1B | L07-0875-05 | POWER TRANSFORMER | | |
| A | 1A, 2B | N82-2608-46 | BINDING HEAD TAPTITE SCREW | | |
| B | 1A, 1C | N89-3008-45 | BINDING HEAD TAPTITE SCREW | | |
| C | 1C, 2C | N89-3008-46 | BINDING HEAD TAPTITE SCREW | KR P H X Y | |
| D | 1C | N09-0333-05 | HEXAGON HD TAPPING SCREW M3X12 | | |
| E | 1C | N09-2907-05 | TAP SCREW WITH WASHER M3X14 | | |
| G | 1B | N89-3018-46 | BINDING HEAD TAPTITE SCREW | | |
| H | 1C | N09-2909-05 | TAPTITE SCREW (EARTH) | KR P H X Y | |
| KA-894 (MALAYSIA MADE) | | | | | |
| 601 | 1A | A01-3098-11 | METALLIC CABINET | | K S D P P R R P R |

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|---------------------------------|---------------|-------------------|-------------------------|-----------------------|--------------------|
| Q45, 46 | | 25C2003(L,K) | TRANSISTOR | TE | |
| Q49 | | 25C2003(L,K) | TRANSISTOR | | |
| Q51 | | 25C2003(L,K) | TRANSISTOR | | |
| Q52 | | 25B1370 | TRANSISTOR | | |
| Q53 | | 25C1845(F,E) | TRANSISTOR | TE | |
| Q55 | | 25A992(F,E) | TRANSISTOR | TE | |
| Q56 | | 25C1845(F,E) | TRANSISTOR | TE | |
| KA-894 AUDIO UNIT (205-3974-20) | | | | | |
| C1, 2 | | CE04LW1H2R2M | ELECTRO | | |
| C11 | | CE04LW1H2R2M | ELECTRO | | |
| C12 | | CE04LW1H0R1M | ELECTRO | | |
| C39, 40 | | CK45FF1H472Z | CERAMIC | | |
| C43 | | CK45FF1H103Z | CERAMIC | | |
| C45, 46 | | CK45FF1H103Z | CERAMIC | | |
| C101, 102 | | CK45FF1H103Z | CERAMIC | | |
| C103, 104 | | CE04LW1H010M | ELECTRO | | |
| C105, 106 | | C992FM1H02J | MYLAR | | |
| C107, 108 | | CC45FSL1H101J | CERAMIC | | |
| C109, 110 | | CE04LW0J221M | ELECTRO | | |
| C111, 112 | | CC45FSL1H680J | CERAMIC | | |
| C113, 114 | | CC45FSL1H020C | CERAMIC | | |
| C115, 116 | | CC45FSL1H680J | CERAMIC | | |
| C117, 118 | | CE04LW1C220J | ELECTRO | | |
| C119, 120 | | CC45FSL1H221J | CERAMIC | | |
| C121, 122 | | CK45FF1H103Z | CERAMIC | | |
| C123, 124 | | CK45FF1H472Z | CERAMIC | | |
| C125, 126 | | CF92FV1H224J | MF | | |
| C129, 130 | | CK45FF1H472Z | CERAMIC | | |
| C131 | | CK45FF1H103Z | CERAMIC | | |
| C135, 136 | | CE04LW2A470M | ELECTRO | | |
| C151, 152 | | CC45FSL1H101J | CERAMIC | | |
| C201, 202 | | CK45FF1H103Z | CERAMIC | | |
| C204 | | CE04LW1H010M | ELECTRO | | |
| C206 | | CC45FSL1H221J | CERAMIC | | |
| C208 | | CC45FSL1H101J | CERAMIC | | |
| C210 | | CE04LW1A101M | ELECTRO | | |
| C212 | | CC45FSL1H680J | CERAMIC | | |
| C214 | | CC45FSL1H020C | CERAMIC | | |
| C216 | | CC45FSL1H680J | CERAMIC | | |
| C218 | | CE04LW1C220J | ELECTRO | | |
| C220 | | CC45FSL1H221J | CERAMIC | | |
| C222 | | CK45FF1H103Z | CERAMIC | | |
| C224 | | CK45FF1H472Z | CERAMIC | | |
| C226 | | CF92FV1H104J | MF | | |
| C228 | | CF92FV1H224J | MF | | |
| C229 | | CE04LW2A470M | ELECTRO | | |
| C230 | | CE04LW1C220M | ELECTRO | | |
| C231 | | CE04LW0J221M | ELECTRO | | |
| C232, 233 | | CE04LW2A470M | ELECTRO | | |
| C236 | | CE04LW1C101M | ELECTRO | | |
| C237 | | CE04LW0J471M | ELECTRO | | |

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|------------------|---------------|-------------------|-------------------------------|-----------------------|--------------------|
| D16, 17 | | 1SS131 | DIODE | KPNMR | |
| D18 | | HSS104A | DIODE | KPNMR | |
| D19 | | 1SS131 | DIODE | | |
| D20 | | 1SS131 | DIODE | | |
| D25, 26 | | HZS4, 7N(B2) | ZENER DIODE | | |
| D25, 26 | | RS4, 7ES(B2) | ZENER DIODE | | |
| D35 | | 1SS133 | DIODE | | |
| D35 | | HSS104A | DIODE | | |
| D35 | | 1SS131 | DIODE | | |
| D101 | | HSS104 | DIODE | | |
| D102 | | 1SS133 | DIODE | | |
| D103, 104 | | KBP02ML-6127 | DIODE | | |
| D103, 104 | | HSS104A | DIODE | | |
| D103, 104 | | 1SS131 | DIODE | | |
| D107, 108 | | S5688B | DIODE | | |
| D107, 108 | | 1SR139-100 | DIODE | | |
| D109 | | D5SBA20F03 | DIODE | | |
| D110 | | RBV-602LFA | DIODE | | |
| D110 | | D5SBA20F03 | DIODE | | |
| D114, 115 | | RBV-602LFA | DIODE | | |
| D116 | | S5688B | DIODE | | |
| D116 | | 1SR139-100 | DIODE | | |
| D117 | | HZS15N(B2) | ZENER DIODE | | |
| D117 | | RD15ES(B2) | ZENER DIODE | | |
| D117 | | RD16ES(B2) | ZENER DIODE | | |
| IC5 | | TA78057S | IC(VOLTAGE REGULATOR/ +5.75V) | | |
| IC6 | | TA79015S | IC(VOLTAGE REGULATOR/ -15V) | | |
| IC6 | | UPC7915HF | IC(VOLTAGE REGULATOR/ -15V) | | |
| IC7 | | TA7815S | IC(VOLTAGE REGULATOR/ +15V) | | |
| IC7 | | UPC7815AHF | IC(VOLTAGE REGULATOR/ +15V) | | |
| Q1, 2 | | 25C2878(B) | TRANSISTOR | | |
| Q3 | | 25A992(F,E) | TRANSISTOR | | |
| Q7, 10 | | 25C2632(R,S) | TRANSISTOR | | |
| Q11, 12 | | 25A1124(R,S) | TRANSISTOR | | |
| Q13, 14 | | 25C4137 | TRANSISTOR | | |
| Q15, 16 | | 25B1594LB | TRANSISTOR | | |
| Q17, 18 | | 25D2449LB | TRANSISTOR | | |
| Q19, 20 | | 25C2631(R,S) | TRANSISTOR | | |
| Q21, 22 | | 25C2878(B) | TRANSISTOR | | |
| Q23, 26 | | 25A992(F,E) | TRANSISTOR | | |
| Q27, 30 | | 25C2631(R,S) | TRANSISTOR | | |
| Q31, 32 | | 25A1123(R,S) | TRANSISTOR | | |
| Q33, 34 | | 25C4137 | TRANSISTOR | | |
| Q35, 36 | | 25D2255BT | TRANSISTOR | | |
| Q37, 38 | | 25B1493BT | TRANSISTOR | | |
| Q39 | | 25C2631(R,S) | TRANSISTOR | | |
| Q40 | | 25C1845(F,E) | TRANSISTOR | | |
| Q41 | | 25A1175(F,E) | TRANSISTOR | | |
| Q41 | | 25A933S(Q,R) | TRANSISTOR | | |
| Q42 | | 25A992(F,E) | TRANSISTOR | | |
| Q43, 44 | | 25C1845(F,E) | TRANSISTOR | | |
| Q45, 47 | | 25C2003(L,K) | TRANSISTOR | | |

△ indicates safety critical component

PARTS LIST

4 New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

| Ref. No. 参照番号 | Address 位置 | Parts No. 部品番号 | Description 部品名 / 規格 | Re- marks 備考 |
|------------------|---------------|-------------------|--------------------------------|--------------------|
| C230 | | CE04LW1C220M | ELECTRØ 220UF 16WV | |
| C231 | | CE04LW1J221M | ELECTRØ 220UF 6.3WV | |
| C232, 233 | | CE04LW2A470M | ELECTRØ 470UF 100WV | |
| C236 | | CE04LW1C101M | ELECTRØ 100UF 16WV | |
| C237 | | CE04LW0J471M | ELECTRØ 470UF 6.3WV | |
| C238 | | CE04H1H2R2M | NP-ELEC 2.2UF 50WV | |
| C241 | | CK45FF1H472Z | CERAMIC 4700PF Z | |
| C242 | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| C243, 244 | | CE04LW2A470M | ELECTRØ 470UF 100WV | |
| C251, 252 | | CC45FSL1H101J | CERAMIC 100PF J | |
| C301 | | CE04LW1A101M | ELECTRØ 100UF 10WV | |
| C302, 303 | | CF92FV1H104J | MF 0.10UF J | |
| C304 | | CE04LW1V471M | ELECTRØ 470UF 35WV | |
| C305-308 | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| C309, 310 | | C91-1488-05 | 6800PF 250VAC | |
| C314, 315 | | CE04LW1V222M | ELECTRØ 2200UF 35WV | |
| C316, 317 | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| C320-323 | | CF92FV1H104J | MF 0.10UF J | |
| C324, 325 | | CE04LW1C351M | ELECTRØ 350UF 16WV | |
| C327, 328 | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| C331-334 | | CK45FE2H103P | CERAMIC 0.010UF P | KPYNKR |
| C335-338 | | C993HP2A103J | MYLAR 0.010UF J | |
| C339, 340 | | C90-3536-05 | ELECTRØ 6800UF 71WV | |
| C341 | | CE04LW1V477M | ELECTRØ 4.7UF 35WV | |
| C342 | | CE04LW1J470M | ELECTRØ 470UF 63WV | |
| C343 | | CE04LW1V471M | ELECTRØ 470UF 35WV | |
| C345, 346 | | CK45FF1H103Z | CERAMIC 0.010UF Z | |
| J1 | | E11-0127-05 | PHONE JACK (3P) PHONES | KPYNKR |
| J1 | | E11-0130-05 | PHONE JACK (3P) PHONES | TE |
| J3 | | E70-0048-05 | LOCK TERMINAL BOARD PRT/SUR SP | |
| J4 | | E20-0236-05 | LOCK TERMINAL BOARD CENTER SP | |
| J11 | | E03-0149-05 | AC OUTLET | ME |
| J13 | | E03-0148-05 | AC OUTLET | KPYR |
| F1, 2 | | F05-2525-05 | FUSE (SEMKØ) (250V T2.5AL) | YM |
| F2 | | F05-2525-05 | FUSE (SEMKØ) (250V T2.5AL) | XTE |
| F3 | | F05-6029-05 | FUSE (UL) (125V 6A) | KPR |
| F4 | | F05-3121-05 | FUSE (SEMKØ) (250V T3.15A) | M |
| F5 | | F04-2025-05 | FUSE (UL) (250V 2A) | KPR |
| F5 | | F06-2021-05 | FUSE (SEMKØ) (250V T2AL) | KPYNKR |
| CN11, 12 | | J13-0075-05 | FUSE CLIP | YM |
| CN13, 14 | | J13-0075-05 | FUSE CLIP | YM |
| CN15, 16 | | J13-0075-05 | FUSE CLIP | ME |
| CN21, 22 | | J11-0096-05 | WIRE CLAMPER | |
| J6, 9 | | L39-0085-05 | PHASE COMPENSATION COIL | |
| L1 -4 | | L07-0864-05 | POWER TRANSFORMER | KPR |
| T1 | | L07-0865-05 | POWER TRANSFORMER | YM |
| T1 | | L07-0866-05 | POWER TRANSFORMER | YM |
| T1 | | L07-0867-05 | POWER TRANSFORMER | E |
| F | 1B | N30-3008-46 | PAN HEAD MACHINE SCREW | |
| CP1, 2 | | R90-0840-05 | RD MULTIPLE RESISTOR 0.22 5W | |

L:Scandinavia K:USA P:Canada R:Mexico
Y:PA(Far East, Hawaii) T:England E:Europe
Y:AFES(Europe) X:Australia M:Other Areas

△ indicates safety critical components.

* New Parts

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| Ref. No. 参照番号 | Address 位置 | Parts No. 部品番号 | Description 部品名 / 規格 | Re- marks 備考 |
|------------------|---------------|-------------------|-------------------------------|--------------------|
| R41, 42 | | RS14KB3D561J | FL-PROOF RS 560 | |
| R117, 118 | | RD14NB2E221J | RD 220 J 1/4W | |
| R123, 124 | | RD14NB2E271J | RD 270 J 1/4W | |
| R125, 126 | | RD14NB2E221J | RD 220 J 1/4W | |
| R135-138 | | RD14NB2E220J | RD 22 J 1/4W | |
| R141, 142 | | RD14NB2E822J | RD 8.2K J 1/4W | |
| R145, 146 | | RS14KB3D100J | FL-PROOF RS 10 J 2W | |
| R151 | | RD14NB2E100J | RD 10 J 1/4W | |
| R152 | | RD14GB2E100J | FL-PROOF RD 10 J 1/4W | KPYNKR |
| R155 | | RD14NB2E151J | RD 150 J 1/4W | |
| R155 | | RD14NB2E220J | RD 22 J 1/4W | TE |
| R217, 218 | | RD14NB2E221J | RD 220 J 1/4W | |
| R223, 224 | | RD14NB2E271J | RD 270 J 1/4W | |
| R225, 226 | | RD14NB2E221J | RD 220 J 1/4W | |
| R237-240 | | RD14NB2E220J | RD 22 J 1/4W | |
| R243, 244 | | RD14NB2E822J | RD 8.2K J 1/4W | |
| R247, 248 | | RS14KB3D100J | FL-PROOF RS 10 J 2W | |
| R253, 254 | | RD14NB2E100J | RD 10 J 1/4W | |
| R270 | | RS14KB3D332J | FL-PROOF RS 3.3K J 2W | TE |
| R285 | | RD14NB2E102J | RD 1.0K J 1/4W | KPYNKR |
| R285 | | RD14NB2E821J | RD 820 J 1/4W | |
| R303 | | RD14NB2E2R2J | RD 2.2 J 1/4W | |
| R304 | | RD14NB2E100J | RD 10 J 1/4W | |
| R307, 308 | | RD14NB2E47J | RD 4.7 J 1/4W | |
| R309, 310 | | RD14NB2E2R2J | RD 2.2 J 1/4W | |
| R312, 313 | | RD14NB2E100J | RD 10 J 1/4W | |
| R314 | | RD14NB2E101J | RD 100 J 1/4W | |
| R319, 320 | | RD14NB2E561J | RD 560 J 1/4W | KPYNKR |
| R319, 320 | | RD14NB2E681J | RD 680 J 1/4W | TE |
| R321 | | RD14NB2E151J | RD 150 J 1/4W | KPYNKR |
| R321 | | RD14NB2E821J | RD 820 J 1/4W | TE |
| R322 | | RD14NB2E821J | RD 820 J 1/4W | KPYNKR |
| R323 | | RD14NB2E150J | RD 15 J 1/4W | TE |
| VR1 -4 | | R12-1616-05 | TRIMMING POT. (1K) | |
| K1 | | SS1-2078-05 | MAGNETIC RELAY | |
| K1 | | SS1-2092-05 | MAGNETIC RELAY | |
| K2 | | S76-0005-05 | MAGNETIC RELAY | |
| K3 | | S76-0016-05 | MAGNETIC RELAY | KPYNKR |
| K3 | | S76-0017-05 | MAGNETIC RELAY | KPYNKR |
| K4 | | S76-0002-05 | MAGNETIC RELAY | KPYNKR |
| K4 | | S76-0009-05 | MAGNETIC RELAY | TE |
| K5 | | S76-0036-05 | MAGNETIC RELAY | |
| S1 | | S62-0001-05 | SLIDE SWITCH (AC VOLTAGE SEL) | YM |
| S2 | | S31-2322-05 | SLIDE SWITCH (AC VOLTAGE SEL) | M |
| S2 | | S62-0001-05 | SLIDE SWITCH (AC VOLTAGE SEL) | Y |
| S3 | | S62-0034-05 | SLIDE SWITCH (IMPEDANCE SEL) | TE |
| D1 -8 | | HSS104A | DIODE | |
| D1 -8 | | HSS131 | DIODE | |
| D9 -14 | | HSS104 | DIODE | |
| D9 -14 | | HSS133 | DIODE | |
| D15 | | HZS15N(B2) | ZENER DIODE | |
| D16, 17 | | RD15BS(B2) | ZENER DIODE | |
| | | HSS104A | DIODE | |

L:Scandinavia K:USA P:Canada R:Mexico
Y:PA(Far East, Hawaii) T:England E:Europe
Y:AFES(Europe) X:Australia M:Other Areas

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PARTS LIST

* New Parts
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| Ref. No. 参照番号 | Address 位置 | Parts No. 部品番号 | Description 部品名 / 規格 | Desti- nation 仕 | Re- marks 備考 |
|------------------|---------------|-------------------|-------------------------|-----------------------|--------------------|
| C9, 10 | | CC45FSL1H221J | CERAMIC | | |
| C11, 12 | | CF92FV1H332J | MF | | |
| C13, 14 | | CF92FV1H123J | MF | | |
| C15, 16 | | CE04LW1V100M | ELECTRØ | | |
| C17, 18 | | CE04LW1V220M | ELECTRØ | | |
| C19, 36 | | CC45FSL1H221J | CERAMIC | | |
| C37, 38 | | CE04LW1V100M | ELECTRØ | | |
| C39, 40 | | CE04LW1H2R2M | ELECTRØ | | |
| C41, 42 | | CC45FSL1H560J | CERAMIC | | |
| C43 | | CE04LW1V100M | ELECTRØ | | |
| C44, 45 | | CC45FSL1H560J | CERAMIC | | |
| C46, 48 | | CE04LW1V100M | ELECTRØ | | |
| C49, 50 | | CC45FSL1H220J | CERAMIC | | |
| C51, 52 | | CE04LW1V100M | ELECTRØ | | |
| C53, 54 | | CE04LW1V4R7M | ELECTRØ | | |
| C55, 56 | | CE04LW1H2R2M | ELECTRØ | | |
| C59, 60 | | CF92FV1H104J | MF | | |
| C61, 62 | | CE04LW1V4R7M | ELECTRØ | | |
| C63, 64 | | C90-3244-05 | ELECTRØ | | |
| C65, 66 | | CC45FSL1H221J | CERAMIC | | |
| C67, 68 | | CF92FV1H563J | MF | | |
| C69, 70 | | CC45FSL1H560J | CERAMIC | | |
| C71, 72 | | CK45F81H561K | CERAMIC | | |
| C73, 76 | | C90-3244-05 | ELECTRØ | | |
| C77, 78 | | CF92FV1H393J | MF | | |
| C100 | | CE04LW1B470M | ELECTRØ | | |
| C101 | | CF92FV1H104J | MF | | |
| C102-106 | | CE04LW1E470M | ELECTRØ | | |
| C107, 108 | | CK45FF1H103Z | CERAMIC | | |
| C109, 110 | | CE04LW1E101M | ELECTRØ | | |
| C111, 112 | | CF92FV1H104J | MF | | |
| C113-118 | | CE04LW1E470M | ELECTRØ | | |
| C119, 120 | | C90-3244-05 | ELECTRØ | | |
| C151 | | CC45FSL1H101J | CERAMIC | | |
| C152, 153 | | CE04LW1A471M | ELECTRØ | | |
| C154 | | CC45FSL1H101J | CERAMIC | | |
| C173, 174 | | CC45FSL1H560J | CERAMIC | | |
| C175, 176 | | CE04LW1V4R7M | ELECTRØ | | |
| C177, 178 | | CE04LW1H2R2M | ELECTRØ | | |
| C179, 180 | | CE04LW1V4R7M | ELECTRØ | | |
| C181, 182 | | CC45FSL1H560J | CERAMIC | | |
| C201 | | C90-1827-05 | BACKUP | | |
| C202 | | C90-3222-05 | ELECTRØ | | |
| C203 | | C90-3253-05 | ELECTRØ | | |
| C204 | | CK45FF1H103Z | CERAMIC | | |
| C205, 206 | | CF92FV1H104J | MF | | |
| C207 | | CK45F81H102K | CERAMIC | | |
| C208, 209 | | C91-0749-05 | CERAMIC | | |
| C210-212 | | CC45FSL1H101J | CERAMIC | | |
| C213 | | CC45FSL1H221J | CERAMIC | | |
| C214 | | CK45F81H102K | CERAMIC | | |
| C215 | | CC45FSL1H221J | CERAMIC | | |
| C216-219 | | C91-0085-05 | CERAMIC | | |
| C220 | | C90-3253-05 | ELECTRØ | | |
| C221, 222 | | CC45FSL1H221J | CERAMIC | | |

R: KA-894
e: KA-994
A indicates safety critical components

R: Mexico
B: KA-894
e: KA-994
A indicates safety critical components

L: Scandinavia
Y: FX(Far East, Hawaii)
Y: AFES(Europe)

L: Scandinavia
Y: FX(Far East, Hawaii)
Y: AFES(Europe)

R: Mexico
B: KA-894
e: KA-994
A indicates safety critical components

L: Scandinavia
Y: FX(Far East, Hawaii)
Y: AFES(Europe)

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| Ref. No. 参照番号 | Address 位置 | New Parts 新 部 品 | Parts No. 部 品 番 号 | Description 部 品 名 / 規 格 | Desti- nation 仕 向 | Re- marks 備 考 |
|------------------|---------------|--------------------|----------------------|----------------------------|-------------------------|---------------------|
| D102 | | | KBP02ML-6127 | DIODE | | |
| D103, 104 | | | HSS104A | DIODE | | |
| D105, 106 | | | SS131 | DIODE | | |
| D107, 108 | | | SS688B | DIODE | | |
| D109, 110 | | | SS688B | DIODE | | |
| D111, 112 | | | SS688B | DIODE | | |
| D113, 114 | | | SS688B | DIODE | | |
| D115, 116 | | | SS688B | DIODE | | |
| D117 | | | SS688B | DIODE | | |
| D118 | | | SS688B | DIODE | | |
| D119 | | | SS688B | DIODE | | |
| D120 | | | SS688B | DIODE | | |
| D121 | | | SS688B | DIODE | | |
| D122 | | | SS688B | DIODE | | |
| D123 | | | SS688B | DIODE | | |
| D124 | | | SS688B | DIODE | | |
| D125 | | | SS688B | DIODE | | |
| D126 | | | SS688B | DIODE | | |
| D127 | | | SS688B | DIODE | | |
| D128 | | | SS688B | DIODE | | |
| D129 | | | SS688B | DIODE | | |
| D130 | | | SS688B | DIODE | | |
| D131 | | | SS688B | DIODE | | |
| D132 | | | SS688B | DIODE | | |
| D133 | | | SS688B | DIODE | | |
| D134 | | | SS688B | DIODE | | |
| D135 | | | SS688B | DIODE | | |
| D136 | | | SS688B | DIODE | | |
| D137 | | | SS688B | DIODE | | |
| D138 | | | SS688B | DIODE | | |
| D139 | | | SS688B | DIODE | | |
| D140 | | | SS688B | DIODE | | |
| D141 | | | SS688B | DIODE | | |
| D142 | | | SS688B | DIODE | | |
| D143 | | | SS688B | DIODE | | |
| D144 | | | SS688B | DIODE | | |
| D145 | | | SS688B | DIODE | | |
| D146 | | | SS688B | DIODE | | |
| D147 | | | SS688B | DIODE | | |
| D148 | | | SS688B | DIODE | | |
| D149 | | | SS688B | DIODE | | |
| D150 | | | SS688B | DIODE | | |
| D151 | | | SS688B | DIODE | | |
| D152 | | | SS688B | DIODE | | |
| D153 | | | SS688B | DIODE | | |
| D154 | | | SS688B | DIODE | | |
| D155 | | | SS688B | DIODE | | |
| D156 | | | SS688B | DIODE | | |
| D157 | | | SS688B | DIODE | | |
| D158 | | | SS688B | DIODE | | |
| D159 | | | SS688B | DIODE | | |
| D160 | | | SS688B | DIODE | | |
| D161 | | | SS688B | DIODE | | |
| D162 | | | SS688B | DIODE | | |
| D163 | | | SS688B | DIODE | | |
| D164 | | | SS688B | DIODE | | |
| D165 | | | SS688B | DIODE | | |
| D166 | | | SS688B | DIODE | | |
| D167 | | | SS688B | DIODE | | |
| D168 | | | SS688B | DIODE | | |
| D169 | | | SS688B | DIODE | | |
| D170 | | | SS688B | DIODE | | |
| D171 | | | SS688B | DIODE | | |
| D172 | | | SS688B | DIODE | | |
| D173 | | | SS688B | DIODE | | |
| D174 | | | SS688B | DIODE | | |
| D175 | | | SS688B | DIODE | | |
| D176 | | | SS688B | DIODE | | |
| D177 | | | SS688B | DIODE | | |
| D178 | | | SS688B | DIODE | | |
| D179 | | | SS688B | DIODE | | |
| D180 | | | SS688B | DIODE | | |
| D181 | | | SS688B | DIODE | | |
| D182 | | | SS688B | DIODE | | |
| D183 | | | SS688B | DIODE | | |
| D184 | | | SS688B | DIODE | | |
| D185 | | | SS688B | DIODE | | |
| D186 | | | SS688B | DIODE | | |
| D187 | | | SS688B | DIODE | | |
| D188 | | | SS688B | DIODE | | |
| D189 | | | SS688B | DIODE | | |
| D190 | | | SS688B | DIODE | | |
| D191 | | | SS688B | DIODE | | |
| D192 | | | SS688B | DIODE | | |
| D193 | | | SS688B | DIODE | | |
| D194 | | | SS688B | DIODE | | |
| D195 | | | SS688B | DIODE | | |
| D196 | | | SS688B | DIODE | | |
| D197 | | | SS688B | DIODE | | |
| D198 | | | SS688B | DIODE | | |
| D199 | | | SS688B | DIODE | | |
| D200 | | | SS688B | DIODE | | |
| D201 | | | SS688B | DIODE | | |
| D202 | | | SS688B | DIODE | | |
| D203 | | | SS688B | DIODE | | |
| D204 | | | SS688B | DIODE | | |
| D205 | | | SS688B | DIODE | | |
| D206 | | | SS688B | DIODE | | |
| D207 | | | SS688B | DIODE | | |
| D208 | | | SS688B | DIODE | | |
| D209 | | | SS688B | DIODE | | |
| D210 | | | SS688B | DIODE | | |
| D211 | | | SS688B | DIODE | | |
| D212 | | | SS688B | DIODE | | |
| D213 | | | SS688B | DIODE | | |
| D214 | | | SS688B | DIODE | | |
| D215 | | | SS688B | DIODE | | |
| D216 | | | SS688B | DIODE | | |
| D217 | | | SS688B | DIODE | | |
| D218 | | | SS688B | DIODE | | |
| D219 | | | SS688B | DIODE | | |
| D220 | | | SS688B | DIODE | | |
| D221 | | | SS688B | DIODE | | |
| D222 | | | SS688B | DIODE | | |
| D223 | | | SS688B | DIODE | | |
| D224 | | | SS688B | DIODE | | |
| D225 | | | SS688B | DIODE | | |
| D226 | | | SS688B | DIODE | | |
| D227 | | | SS688B | DIODE | | |
| D228 | | | SS688B | DIODE | | |
| D229 | | | SS688B | DIODE | | |
| D230 | | | SS688B | DIODE | | |
| D231 | | | SS688B | DIODE | | |
| D232 | | | SS688B | DIODE | | |
| D233 | | | SS688B | DIODE | | |
| D234 | | | SS688B | DIODE | | |
| D235 | | | SS688B | DIODE | | |
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| D377 | | | SS688B | DIODE | | |
| D378 | | | SS688B | DIODE | | |
| D379 | | | SS688B | DIODE | | |
| D380 | | | SS688B | DIODE | | |

PARTS LIST

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12

| Ref. No. 参照番号 | Address 位置 | New Parts | Parts No. 部品番号 | Description 部品名 / 規格 | Desti- nation 仕向 | Re- marks 備考 |
|------------------|---------------|--------------|-------------------|-------------------------------|------------------------|--------------------|
| R141, 142 | | | RD14NB2E22J | RD | | |
| R145, 146 | | | RS14KB3D100J | FL-PROOF RS 10 | J 1/4W | |
| R151 | | | RD14NB2E100J | RD | J 2W | |
| R152 | | | RD14NB2E100J | FL-PROOF RD 10 | J 1/4W | |
| R155 | | | RD14NB2E151J | RD | J 1/4W | |
| R218 | | | RD14NB2E221J | RD | J 1/4W | |
| R224 | | | RD14NB2E21J | RD | J 1/4W | |
| R226 | | | RD14NB2E21J | RD | J 1/4W | |
| R238 | | | RD14NB2E220J | RD | J 1/4W | |
| R240 | | | RD14NB2E220J | RD | J 1/4W | |
| R244 | | | RD14NB2E22J | RD | J 1/4W | |
| R248 | | | RS14KB3D100J | FL-PROOF RS 10 | J 2W | |
| R254 | | | RD14NB2E100J | RD | J 1/4W | |
| R270 | | | RS14KB3D32J | FL-PROOF RS 3.3K | J 2W | |
| R303 | | | RD14NB2E2R2J | RD | J 1/4W | |
| R304 | | | RD14NB2E100J | RD | J 1/4W | |
| R307, 308 | | | RD14NB2E4R7J | RD | J 1/4W | |
| R309, 310 | | | RD14NB2E2R2J | RD | J 1/4W | |
| R312, 313 | | | RD14NB2E100J | RD | J 1/4W | |
| R314 | | | RD14NB2E101J | RD | J 1/4W | |
| R319, 320 | | | RD14NB2E821J | RD | J 1/4W | |
| R321 | | | RD14NB2E151J | RD | J 1/4W | |
| VR1, 2 | | | R12-1616-05 | TRIMMING POT. (1K) | | |
| | | | R12-1616-05 | TRIMMING POT. (1K) | | |
| K1 | | | SS1-2078-05 | MAGNETIC RELAY | | |
| K1 | | | SS1-2092-05 | MAGNETIC RELAY | | |
| K2 | | | S76-0005-05 | MAGNETIC RELAY | | |
| K3 | | | S76-0016-05 | MAGNETIC RELAY | | |
| K3 | | | S76-0017-05 | MAGNETIC RELAY | | |
| K4 | | | S76-0002-05 | MAGNETIC RELAY | | |
| K5 | | | S76-0036-05 | MAGNETIC RELAY | | |
| S1 | | | S62-0001-05 | SLIDE SWITCH (AC VOLTAGE SEL) | | |
| S2 | | | S31-2322-05 | SLIDE SWITCH (AC VOLTAGE SEL) | | |
| S2 | | | S62-0001-05 | SLIDE SWITCH (AC VOLTAGE SEL) | | |
| D1 | | | HSS104A | DIODE | | |
| D1 | | | SS131 | DIODE | | |
| D6 | | | HSS104A | DIODE | | |
| D6 | | | SS131 | DIODE | | |
| D8 | | | HSS104A | DIODE | | |
| D8 | | | SS131 | DIODE | | |
| D9 | | | HSS104 | DIODE | | |
| D9 | | | SS133 | DIODE | | |
| D15 | | | HZS15N(B2) | ZENER DIODE | | |
| D15 | | | RD15ES(B2) | ZENER DIODE | | |
| D16 | | | HSS104A | DIODE | | |
| D16 | | | SS131 | DIODE | | |
| D20 | | | HZS4.75N(B2) | ZENER DIODE | | |
| D20 | | | RD4.75ES(B2) | ZENER DIODE | | |
| D25 | | | HSS104 | DIODE | | |
| D25 | | | SS133 | DIODE | | |
| D35 | | | HSS104A | DIODE | | |
| D35 | | | SS131 | DIODE | | |
| D101 | | | HSS104 | DIODE | | |
| D101 | | | SS133 | DIODE | | |

L:Scandinavia
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△ indicates safety critical components.

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11

| Ref. No. 参照番号 | Address 位置 | New Parts | Parts No. 部品番号 | Description 部品名 / 規格 | Desti- nation 仕向 | Re- marks 備考 |
|------------------|---------------|--------------|-------------------|---------------------------------|------------------------|--------------------|
| C238 | | | CE04W1H2R2M | NP-ELEC | | |
| C239 | | | CE04W1H2R2M | NP-ELEC | | |
| C241 | | | CK45FF1H47Z2 | CERAMIC | | |
| C242 | | | CK45FF1H103Z | CERAMIC | | |
| C252 | | | CC45FSL1H101J | 100PF Z | | |
| C301 | | | CE04LW1A101M | ELECTRØ | | |
| C302, 303 | | | CF92FV1H104J | MF | | |
| C304 | | | CE04LW1V471M | ELECTRØ | | |
| C305-308 | | | CK45FF1H103Z | CERAMIC | | |
| C309, 310 | | | C91-1486-05 | 6800PF 250VAC | | |
| C314, 315 | | | CE04LW1V222M | ELECTRØ | | |
| C317, 318 | | | CK45FF1H103Z | CERAMIC | | |
| C320-323 | | | CF92FV1H104J | MF | | |
| C324, 325 | | | CE04LW1C31M | ELECTRØ | | |
| C327, 328 | | | CK45FF1H103Z | CERAMIC | | |
| C331-334 | | | CK45FE2H103P | CERAMIC | | |
| C335-338 | | | C933HP2A103J | MYLAR | | |
| C339, 340 | | | C90-3536-05 | ELECTRØ | | |
| C341 | | | CE04LW1V47M | ELECTRØ | | |
| C342 | | | CE04LW1J470H | ELECTRØ | | |
| C343 | | | CE04LW1V471M | ELECTRØ | | |
| C345, 346 | | | CK45FF1H103Z | CERAMIC | | |
| J1 | | | B11-0127-05 | PHONE JACK (3P) PHONES | | |
| J2 | | | B63-0090-05 | PHONE JACK (2P) S.W/CT PRE OUT | | |
| J3 | | | E70-0048-05 | LOCK TERMINAL BOARD FRIT/SUR SP | | |
| J7 | | | B63-0072-15 | PHONE JACK (2P) L/R LINE OUT | | |
| J11 | | | B03-0149-05 | AC OUTLET | | |
| J13 | | | B03-0148-05 | AC OUTLET | | |
| F1, 2 | | | F05-2525-05 | FUSE (SEMØ) (250V T2.5AL) | | |
| F2 | | | F04-5022-05 | FUSE (UL) (125V 5A UL) | | |
| F2 | | | F05-2525-05 | FUSE (SEMØ) (250V T2.5AL) | | |
| F3 | | | F05-3121-05 | FUSE (SEMØ) (250V T3.15AL) | | |
| F5 | | | F04-2025-05 | FUSE (UL) (250V 2A) | | |
| F5 | | | F06-2021-05 | FUSE (SEMØ) (250V T2AL) | | |
| CN11, 12 | | | J13-0075-05 | FUSE CLIP | | |
| CN13, 14 | | | J13-0075-05 | FUSE CLIP | | |
| CN15, 16 | | | J13-0075-05 | FUSE CLIP | | |
| CN21, 22 | | | J13-0075-05 | FUSE CLIP | | |
| J8, 9 | | | J11-0098-05 | WIRE CLAMPER | | |
| L1, 2 | | | L39-0065-05 | PHASE COMPENSATION COIL | | |
| L4 | | | L39-0065-05 | PHASE COMPENSATION COIL | | |
| T1 | | | L07-0864-05 | POWER TRANSFORMER | | |
| T1 | | | L07-0865-05 | POWER TRANSFORMER | | |
| T1 | | | L07-0866-05 | POWER TRANSFORMER | | |
| F | | | N30-3008-46 | PAN HEAD MACHINE SCREW | | |
| CP1, 2 | | | R90-0840-05 | RD | | |
| CP4 | | | R90-0888-05 | MULTIPLE RESISTOR | | |
| R41, 42 | | | RS14KB3D561J | FL-PROOF RS 560 | J 2W | |
| R117, 118 | | | RD14NB2E221J | RD | J 1/4W | |
| R123, 124 | | | RD14NB2E271J | RD | J 1/4W | |
| R125, 126 | | | RD14NB2E221J | RD | J 1/4W | |
| R127, 128 | | | RD14NB2E220J | RD | J 1/4W | |

L:Scandinavia
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PARTS LIST

* New Parts

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17

| Ref. No. 参照番号 | Address 位置 | Parts No. 部品番号 | Description 部品名 / 規格 | Desti- Re- nation Parts 仕 向備考 |
|------------------|---------------|-------------------|--------------------------------|---|
| IC11 | | TC9215P | IC(ANALOG SWITCH X 6) | 9V |
| IC12 | | NJM2279D | IC(VIDEO IC) | |
| IC13 | | NJU7313L | IC(ANALOG SWITCH) | |
| IC13 | | TC9164N | IC(16CH BILATERAL SELECTOR SW) | |
| IC14 | | LA2785 | IC | |
| IC15 | | LV1010 | DI BI-POLAR IC | |
| IC16 | | TC9212P | IC(ELECTRICAL VOLUME) | |
| IC17 | | TC9215P | IC(ANALOG SWITCH X 6) | |
| IC18 | | CX862320-162Q | MI-COM IC | |
| IC19 | | S-80740AL | IC(VOLTAGE DETECTOR) | |
| IC20 | | TC9215P | IC(ANALOG SWITCH X 6) | |
| IC21, 22 | | NJM4580L | IC(OP AMP X2) | |
| Q1 - 4 | | 2SC1740S(Q,R) | TRANSISTOR | |
| Q1 - 4 | | 2SC2785(F,E) | TRANSISTOR | |
| Q5 | | 2SD2012 | TRANSISTOR | |
| Q5 | | 2SD2061(E,F) | TRANSISTOR | ELECTRIC CIRCUIT MODULE ELECTRIC CIRCUIT MODULE ELECTRIC CIRCUIT MODULE |
| Q6 | | 2SC2878(B) | TRANSISTOR | |
| A1 | | W02-1046-05 | ELECTRIC CIRCUIT MODULE | |
| A1 | | W02-1174-05 | ELECTRIC CIRCUIT MODULE | |
| A1 | | W02-1168-05 | ELECTRIC CIRCUIT MODULE | |
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 B: KA-894
 B: KA-994

V: KA-V3700

A indicates safety critical components

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| Ref. No. 参照番号 | Address 位置 | Parts No. 部品番号 | Description 部品名 / 規格 | Desti- nation 仕 | Re- marks 備考 |
|------------------|---------------|-------------------|---------------------------------|-----------------------|--------------------|
| J1 | | E63-0047-15 | PHONE JACK (6P) ADPT IN/TAPE | | |
| J2 | | E63-0070-15 | PHONE JACK (8P) V1/V2/ADPT OUT | | |
| J3 | | E63-0046-15 | PHONE JACK (4P) TUNER/CD INPUT | | |
| J4 | | E63-0068-15 | PHONE JACK (2P) PHONE | | |
| J5 | | E11-0188-05 | MINIATURE PHONE JACK S. CONTROL | | |
| J6 | | E63-0069-15 | PHONE JACK (4P) M OUT/V1/V2 IN | 9V | |
| X1 | | L78-0294-05 | RESONATOR (10.000MHz) | | |
| X2 | | L78-0290-05 | RESONATOR (8MHz) | | |
| CP1 | | R90-0816-05 | MULTI-COMP. 47K X7 | | |
| CP2 | | R90-0487-05 | MULTI-COMP. 47K X4 | J 1/6W | |
| R101-104 | | RS14082681J | FL-PROOF HS 680 | J 1/4W | |
| R113 | | RS140830220J | FL-PROOF HS 22 | J 2W | |
| R319 | | RN148K283902F | RN 39.0K F 1/6W | | |
| VR1-2 | | R10-5076-05 | POTENTIOMETER(100K X2) | | |
| VR3 | | R12-1086-05 | TRIMMING POTENTIOMETER(2.2K) | | |
| S1-17 | | S40-1064-05 | PUSH SWITCH (SURROUND MODE) | | |
| S18 | | T99-0547-05 | SPEED DETECTOR | | |
| S19 | * | T99-0548-05 | SPEED DETECTOR | | |
| D201-203 | | HSS104 | DIODE | 9V | |
| D201-203 | | 1SS133 | DIODE | 9V | |
| D204 | | HSS104 | DIODE | 9 | |
| D204 | | 1SS133 | DIODE | | |
| D205 | | HSS104 | DIODE | | |
| D205 | | 1SS133 | DIODE | | |
| D206-224 | | HSS104 | DIODE | | |
| D206-224 | | 1SS133 | DIODE | | |
| D301-302 | | HSS104 | DIODE | | |
| D301-302 | | 1SS133 | DIODE | | |
| D303-304 | | HSS104 | DIODE | | |
| D303-304 | | 1SS133 | DIODE | | |
| D305-310 | | HSS104 | DIODE | | |
| D305-310 | | 1SS133 | DIODE | | |
| D311-312 | | HZ55-1N(B2) | ZENER DIODE | | |
| D311-312 | | R05-1ES(B2) | ZENER DIODE | | |
| D313-314 | | HSS104 | DIODE | | |
| D313-314 | | 1SS133 | DIODE | | |
| D315 | | HZ510N(B2) | ZENER DIODE | | |
| D315 | | R010ES(B2) | ZENER DIODE | | |
| D316 | | HZ55-6N(B2) | ZENER DIODE | | |
| D316 | | R05-6ES(B2) | ZENER DIODE | | |
| D318-321 | | HZ513N(B2) | ZENER DIODE | | |
| D318-321 | | R013ES(B2) | ZENER DIODE | | |
| D322-327 | | HSS104 | DIODE | | |
| D322-327 | | 1SS133 | DIODE | | |
| ED1 | | FIPI15MBR | INDICATOR TUBE | | |
| IC1 | | NJM4580D-0 | IC(OP AMP X2) | | |
| IC2 | | NJM2058D | IC(OP AMP X4) | | |
| IC3 | | NJM4580L | IC(OP AMP X2) | | |
| IC4-7 | | NJM4558D | IC(OP AMP X2) | | |
| IC8 | | NJM4580L | IC(OP AMP X2) | | |
| IC9 | | TC9213P | IC(2CH ELECTRONIC VOLUME) | | |
| IC10 | | NJM4580L | IC(OP AMP X2) | | |

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V:AMFES(Europe) X:Australia M:Other Areas
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|------------------|---------------|-------------------|-------------------------|-----------------------|--------------------|
| C223 | | CF92FV1H104J | MF | | |
| C224 | | C90-3258-05 | 0.10UF J 50WV | | |
| C225-229 | | CK45FF1H103Z | 10UF Z | | |
| C230 | | CC45SL1H221J | 0.010UF Z | | |
| C231-232 | | C91-0749-05 | 220PF K | | |
| C233 | | CK45FF1H103Z | 0.010UF Z | | |
| C301-304 | | CE04LW1B470M | 4.7UF 25WV | | |
| C305-307 | | CE04LW1V470M | 4.7UF 35WV | | |
| C308 | | CE04LW1V470M | 4.7UF 35WV | | |
| C309 | | CE04LW1H2R2M | 2.2UF 50WV | | |
| C310 | | CE04LW1C221M | 220UF 16WV | | |
| C311-312 | | C90-3258-05 | 4.7UF 50WV | | |
| C313 | | CE04LW1H010M | 1.0UF 50WV | | |
| C314 | | CE04LW1C221M | 220UF 16WV | | |
| C315 | | CE04LW1H010M | 1.0UF 50WV | | |
| C316 | | CF92FV1H104J | 0.10UF J | | |
| C317 | | CF92FV1H105J | 1.0UF J | | |
| C318 | | CF92FV1H333J | 0.033UF J | | |
| C319 | | CF92FV1H152J | 1500PF J | | |
| C320 | | CF92FV1H333J | 0.033UF J | | |
| C321 | | CE04LW1V100M | 10UF 35WV | | |
| C322 | | CE04LW1H2R2M | 2.2UF 50WV | | |
| C323 | | CF92FV1H154J | 0.15UF J | | |
| C324 | | CE04LW1H3R3M | 3.3UF 50WV | | |
| C325 | | CF92FV1H154J | 0.15UF J | | |
| C326 | | CE04LW1V470M | 4.7UF 35WV | | |
| C327 | | CE04LW1HR47M | 0.47UF 50WV | | |
| C328 | | CE04LW1V470M | 4.7UF 35WV | | |
| C329 | | CE04LW1HR47M | 0.47UF 50WV | | |
| C330-331 | | CF92FV1H104J | 0.10UF J | | |
| C332 | | CE04LW1E470M | 47UF 25WV | | |
| C333 | | CF92FV1H471J | 0.47UF J | | |
| C334-337 | | CE04LW1V100M | 10UF 35WV | | |
| C338 | | CK45FF1H681K | 680PF K | | |
| C339 | | CF92FV1H154J | 0.15UF J | | |
| C340 | | CE04LW1H3R3M | 3.3UF 50WV | | |
| C341 | | CF92FV1H154J | 0.15UF J | | |
| C342 | | CE04LW1V470M | 4.7UF 35WV | | |
| C343 | | CE04LW1HR47M | 0.47UF 50WV | | |
| C344 | | CE04LW1V470M | 4.7UF 35WV | | |
| C345 | | CE04LW1HR47M | 0.47UF 50WV | | |
| C346-347 | | CF92FV1H104J | 0.10UF J | | |
| C348-349 | | CE04LW1H010M | 1.0UF 50WV | | |
| C350 | | CE04LW1C221M | 220UF 16WV | | |
| C351-354 | | CE04LW1V100M | 10UF 35WV | | |
| C355 | | CE04LW1C221M | 220UF 16WV | | |
| C356 | | CF92FV1H473J | 0.047UF J | | |
| C357 | | CF92FV1H223J | 0.022UF J | | |
| C358 | | CK45FF1H103Z | 0.010UF Z | | |
| C359 | | CK45FF1H103Z | 0.010UF Z | | |
| C360 | | CK45FF1H103Z | 0.010UF Z | | |
| C361-362 | | CE04LW1H03Z | 0.010UF Z | | |
| C363-364 | | CE04LW1H2R2M | 2.2UF 50WV | | |
| C365 | | CF92FV1H104J | 0.10UF J | | |
| C366 | | CK45FF1H103Z | 0.010UF Z | | |

LS:Scandinavia K:USA P:Canada R:Mexico
Y:FX(Far East, Hawaii) T:England E:Europe
V:AMFES(Europe) X:Australia M:Other Areas
B: KA-894 V: KA-V3700
E: KA-994
△ indicates safety critical components

SPECIFICATIONS

(KA-994)

For the USA, Mexico and Canada

AUDIO section

Rated power output

STEREO MODE (FTC)

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20 kHz with no more than 0.09% total harmonic distortion.

SURROUND MODE

Front

100 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
0.03% (1 kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO)

20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

20 Hz ~ 20 kHz, ± 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)

PHONO (MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity / impedance

PHONO (MM) 3.5 mV / 47k Ω LINE (CD, TAPE, VIDEO) 200 mV / 47k Ω ADAPTOR IN 200 mV / 47k Ω

Tone control

BASS ± 10 dB (at 100 Hz)TREBLE ± 10 dB (at 10 kHz)

Loudness control (volume at -30 dB level)

+ 8 dB (at 100 Hz)

Output level / impedance

TAPE REC 200 mV / 1 k Ω ADAPTOR OUT 200 mV / 1 k Ω **VIDEO section**

Input level / impedance

VIDEO (composite) 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level / impedance

VIDEO (composite) 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL

Power consumption 2.3 A

AC outlets

SWITCHED 2; (400 W max.)

Dimensions

W: 440 mm (17-5/16")

H: 143 mm (5-5/8")

D: 300 mm (11-13/16")

Weight (Net) 9.3 kg (20.5 lb)

Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

For other countries

AUDIO section

Rated power output

STEREO MODE

(IHF'66) 20 Hz~20 kHz, 0.09%

T.H.D. at 8 Ω 100 W + 100 W(EIAJ) 1 kHz, 10%) T.H.D. at 8 Ω 150 W + 150 W**SURROUND MODE**at 8 Ω , 1 kHz, 0.9% T.H.D.

FRONT 100 W + 100 W

REAR 20 W + 20 W

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)0.03 % (1 kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO)

20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

20 Hz ~ 20 kHz, ± 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)

PHONO(MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 k Ω LINE (CD, TAPE,VIDEO) 200 mV/47 k Ω ADAPTOR IN 200 mV/47 k Ω

Tone control

BASS ± 10 dB(at 100 Hz)TREBLE ± 10 dB(at 10 kHz)

Loudness control (volume at -30 dB level)

+8dB (100 Hz)

Output level/impedance

TAPE REC 200 mV/1 k Ω ADAPTOR OUT 200 mV/1 k Ω **VIDEO section**

Input level/impedance

VIDEO (composite) 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level/impedance

VIDEO (composite) 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL

Power consumption 210 W

AC outlets

SWITCHED 2; (300 W max.)

Dimensions W: 440 mm

H: 143 mm

D: 300 mm

Weight (Net) 9.3 kg

SPECIFICATIONS

(KA-894)

For the USA, Mexico and Canada

AUDIO section

Rated power output (FTC)

STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20 kHz with no more than 0.09% total harmonic distortion.

SURROUND MODE**Front**

70 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Center

70 watts at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion

..... 0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
 0.03% (1kHz, 50 W, 8 Ω)

Frequency response**LINE (CD, TAPE, VIDEO)**

..... 20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

..... 20 Hz ~ 20 kHz, \pm 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio**(IHF'66)**

PHONO (MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 k Ω

LINE (CD, TAPE, VIDEO) 200 mV/47 k Ω

ADAPTOR IN 200 mV/47 k Ω

Tone control

BASS \pm 10 dB (at 100 Hz)

TREBLE \pm 10 dB (at 10 kHz)

Loudness control (volume at -30 dB level)

..... + 8 dB (100 Hz)

Output level/impedance

TAPE REC 200 mV/1 k Ω

ADAPTOR OUT 200 mV/1 k Ω

GENERAL

Power consumption 2.5 A

..... 250 W

AC outlets

SWITCHED 2 (400 W max.)

Dimensions W: 440 mm (17-5/16")

H: 143 mm (5-5/8")

D: 300 mm (11-13/16")

Weight (Net) 9.3 kg (20.5 lb)

For other countries

AUDIO section

Rated power output

STEREO MODE**(IHF'66)** From 20 Hz to 20 kHz, 0.09% T.H.D.

at 8 Ω 100 W + 100 W

(EIAJ)

1 kHz, 10% T.H.D. at 8 Ω 150 W + 150 W

SURROUND MODE

1 kHz, 0.9% T.H.D. at 8 Ω

FRONT 70 W + 70 W

CENTER 70 W

REAR 20 W + 20 W

Total harmonic distortion

..... 0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)

..... 0.03% (1kHz, 50 W, 8 Ω)

Frequency response**LINE (CD, TAPE, VIDEO)**

..... 20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

..... 20 Hz ~ 20 kHz, \pm 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio**(IHF'66)**

PHONO (MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 k Ω

LINE (CD, TAPE, VIDEO) 200 mV/47 k Ω

ADAPTOR IN 200 mV/47 k Ω

Tone control

BASS \pm 10 dB (at 100 Hz)

TREBLE \pm 10 dB (at 10 kHz)

Loudness control (volume at -30 dB level)

..... + 8 dB (100 Hz)

Output level/impedance

TAPE REC 200 mV/1 k Ω

ADAPTOR OUT 200 mV/1 k Ω

GENERAL

Power consumption 250 W

AC outlet

SWITCHED 300 W mix

Dimensions W: 440 mm

H: 143 mm

D: 300 mm

Weight (Net) 9.3 kg

Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be change without notice.

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2SA1124

2SA992

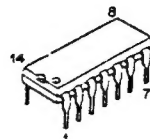
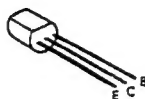
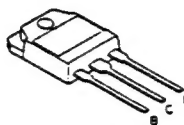
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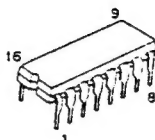
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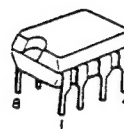
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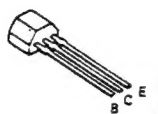
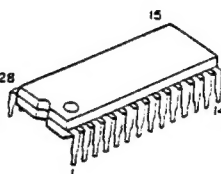
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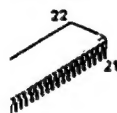
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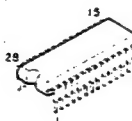
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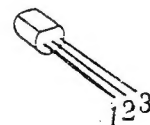
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GND
INPUT
OUTPUT

B

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2SD2449LB

TA7815S



UPC7915HF

NJM4558D

KA-894/994/V3700

KENWOOD

SPECIFICATIONS

(KA-V3700)

AUDIO section**Rated power output****STEREO MODE**

(DIN) 1 kHz

at 8 Ω 100 W + 100 W
 at 4 Ω 80 W + 80 W

SURROUND MODE(IHF 66) 1 kHz, 0.9 % T.H.D.at 8 Ω

FRONT 70 W + 70 W
 CENTER 70 W
 REAR 20 W + 20 W

Total harmonic distortion

..... 0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
 0.03% (1 kHz, 50 W, 8 Ω)

Frequency response**LINE (CD, TAPE, VIDEO)**

..... 20 Hz ~ 55 kHz, + 0 dB, -3 dB

PHONO "RIAA" response 20 Hz ~ 20 kHz, \pm 0.5 dB**Maximum input level**

PHONO (MM) 120 mV, 0.5% T.H.D, at 1 kHz

Signal to noise ratio

(DIN)

PHONO(MM) 55 dB (50 mW output)

LINE (CD, TAPE, VIDEO) 57 dB (50 mW output)

Input sensitivity/impedancePHONO (MM) 3.5 mV/47 k Ω LINE (CD, TAPE, VIDEO) 200 mV/47 k Ω ADAPTOR IN 200 mV/47 k Ω **Tone control**BASS \pm 10 dB(at 100 Hz)TREBLE \pm 10 dB(at 10 kHz)**Loudness control (volume at -30 dB level)**

..... + 8 dB (100 Hz)

Output level/impedanceTAPE REC 200 mV/1 k Ω ADAPTOR OUT 200 mV/1 k Ω **VIDEO section****Input level/impedance**VIDEO (composite) 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level/impedanceVIDEO (composite) 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL

Power consumption 320 W

AC outlets

SWITCHED (300 W max.)

Dimensions W: 440 mm

H: 143 mm

D: 300 mm

Weight (Net) 9.3 kg

Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.